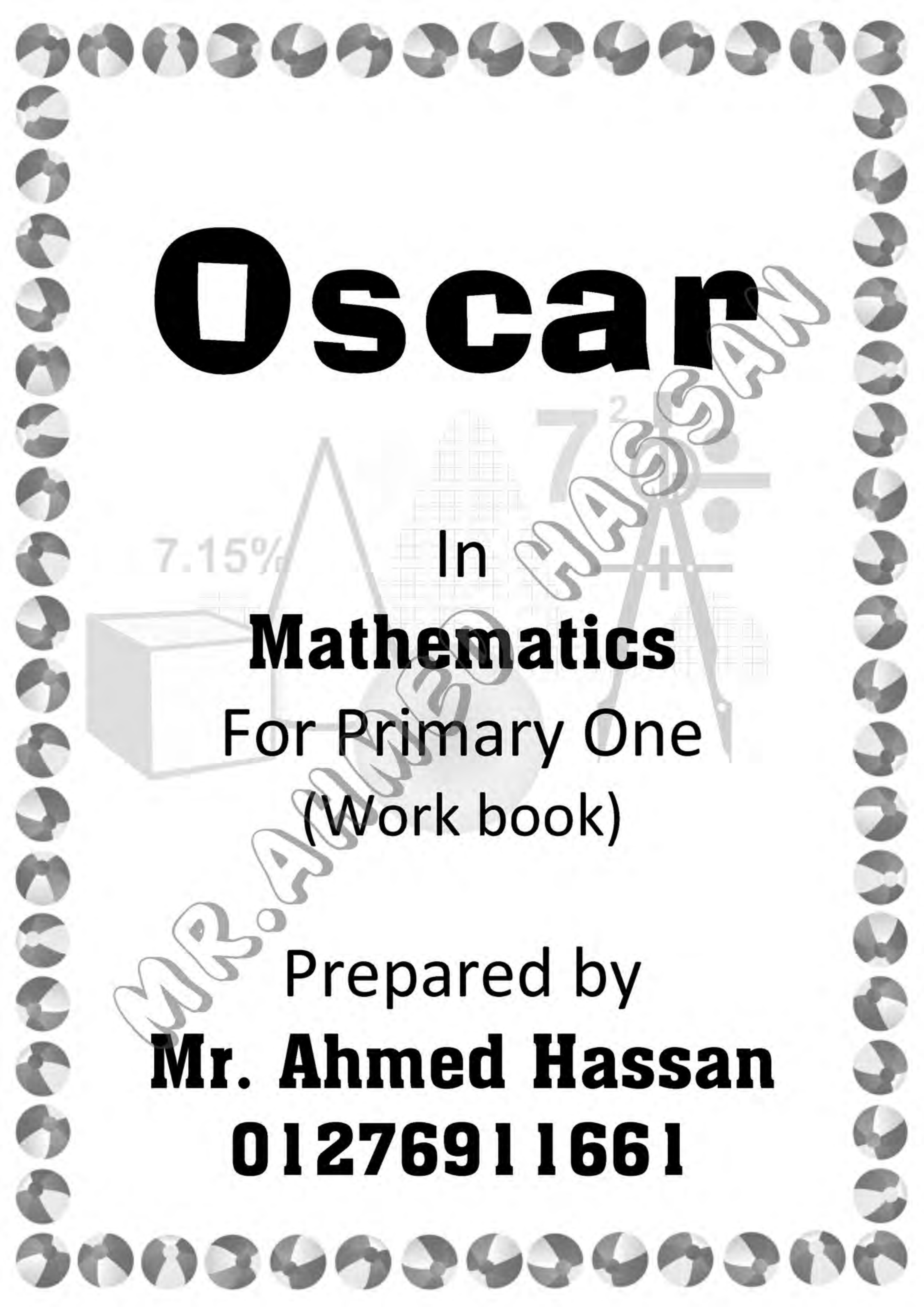


Oscar

In

Mathematics

For Primary One

(Work book)

Prepared by

Mr. Ahmed Hassan

01276911661

Days of

Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday
Saturday	Sunday	Monday	Tuesday

The Week

Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday
Wednesday	Thursday	Friday

Months of

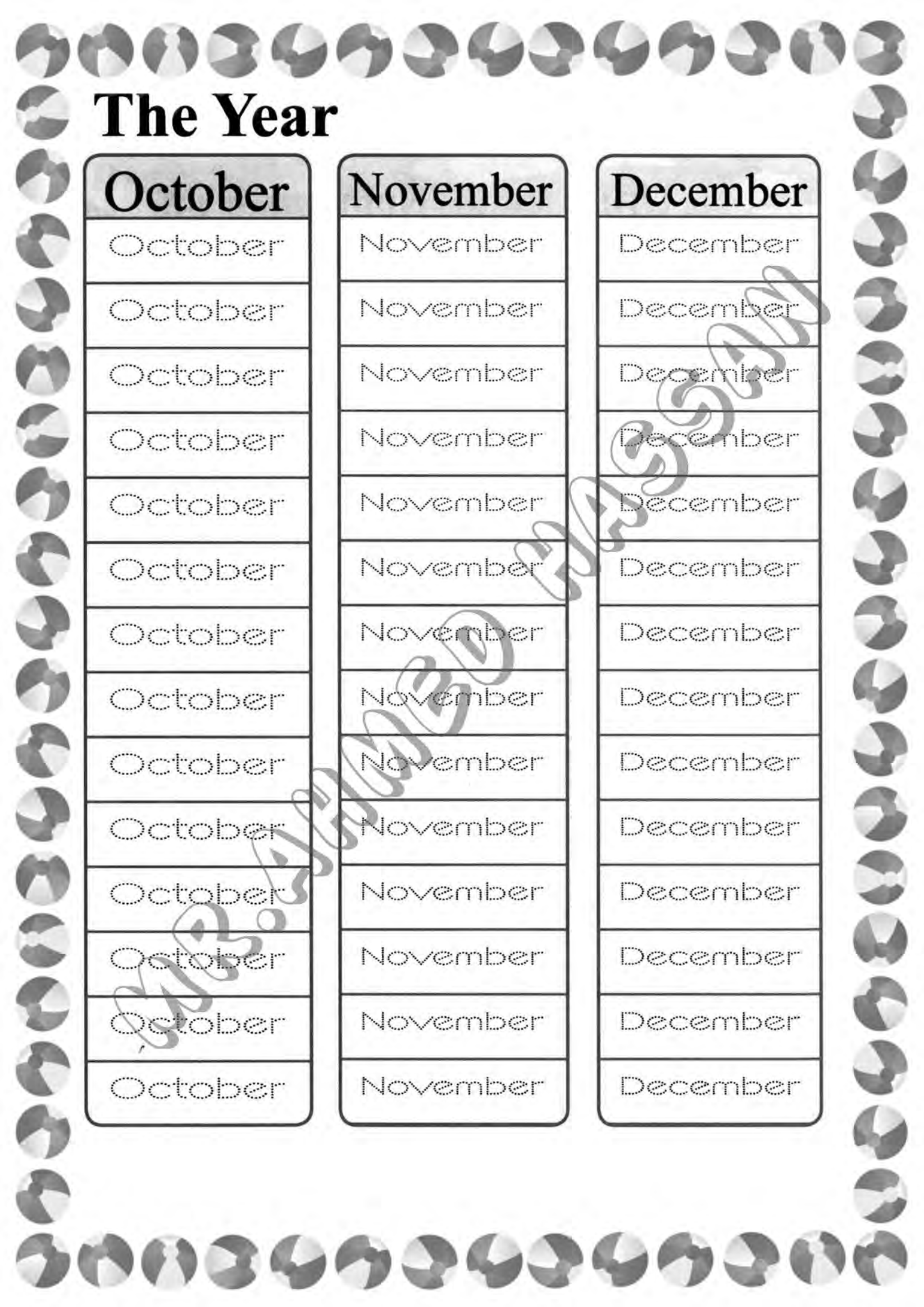
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March
January	February	March

The Year

April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June
April	May	June

Months of

July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	September
July	August	Septembers
July	August	September



The Year

October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December
October	November	December



Days of the Week

MONTHS OF THE YEAR

1 ____________________

2 ____________________

3 ____________________

4 ____________________

5 ____________________

6 ____________________

7 ____________________

8 ____________________

9 ____________________

10 ____________________

11 ____________________

12 ____________________

Lessons 1 – 16

Write the missing numbers.

0	1	2	3	4	5	6	7	8	9	10

1		3

4			7

6	7		

	1	2

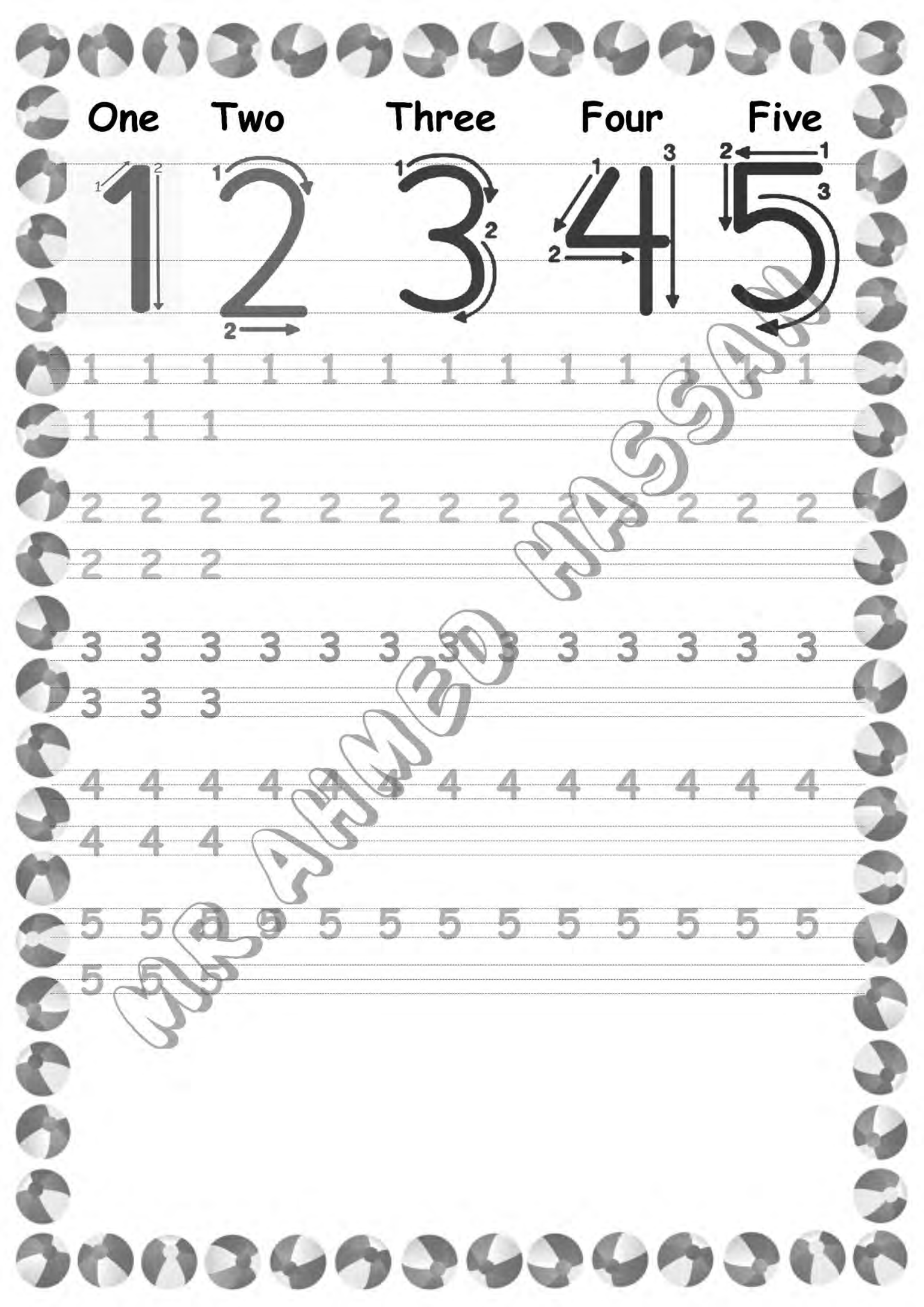
		2	3

5			8

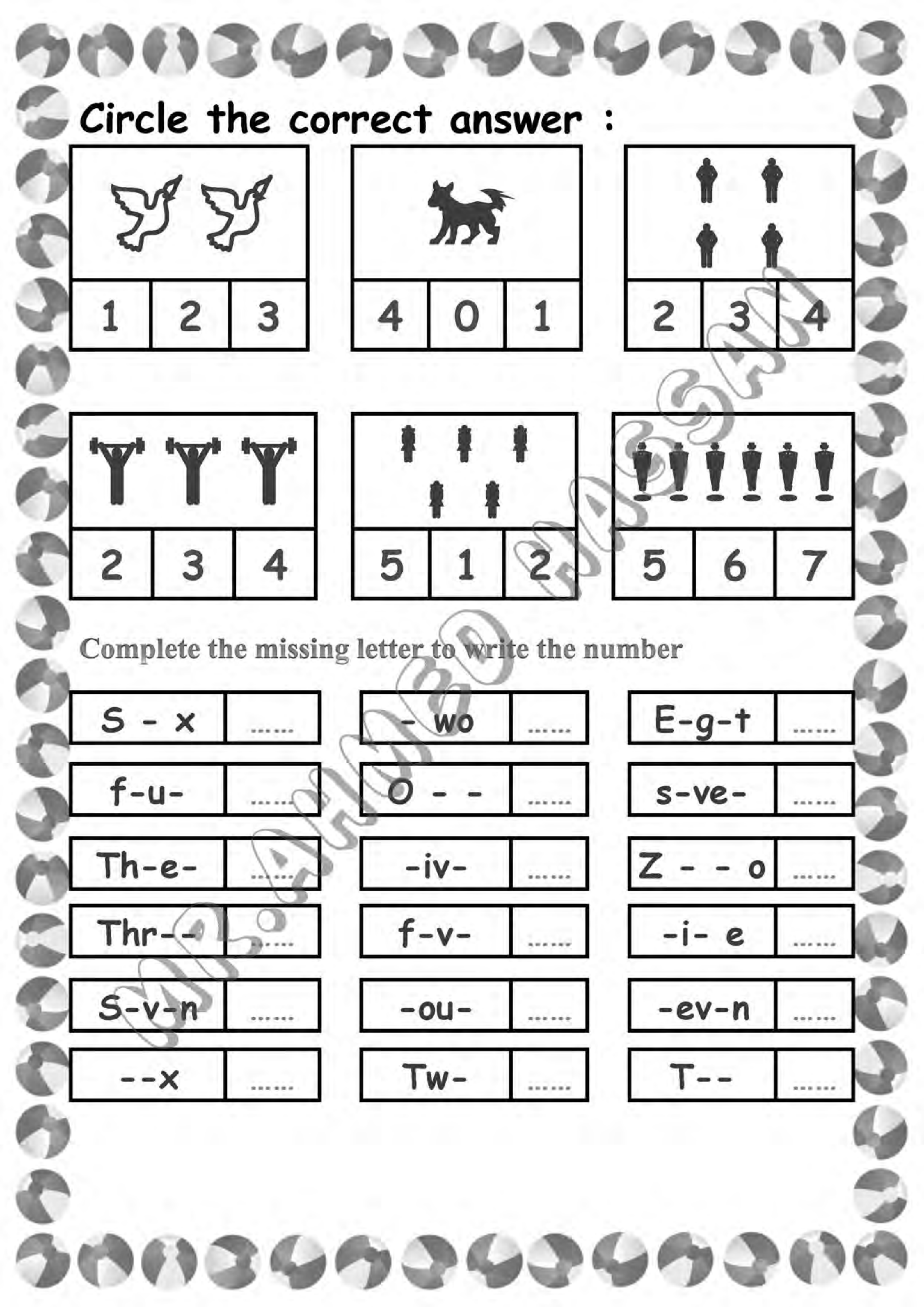
2		4			7

5	4	

10	9	8								


One
Two
Three
Four
Five
1 2 3 4 5
1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1
2 2 2 2 2 2 2 2 2 2 2 2 2
2 2 2
3 3 3 3 3 3 3 3 3 3 3 3 3
3 3 3
4 4 4 4 4 4 4 4 4 4 4 4 4
4 4 4
5 5 5 5 5 5 5 5 5 5 5 5 5
5 5 5


Six
Seven
Eight
Nine
Zero
6 7 8 9 0
6 6 6 6 6 6 6 6 6 6 6 6 6
6 6 6
7 7 7 7 7 7 7 7 7 7 7 7 7
7 7 7
8 8 8 8 8 8 8 8 8 8 8 8 8
8 8 8
9 9 9 9 9 9 9 9 9 9 9 9 9
9 9 9
0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0



Circle the correct answer :

1	2	3

4	0	1

2	3	4

2	3	4

5	1	2

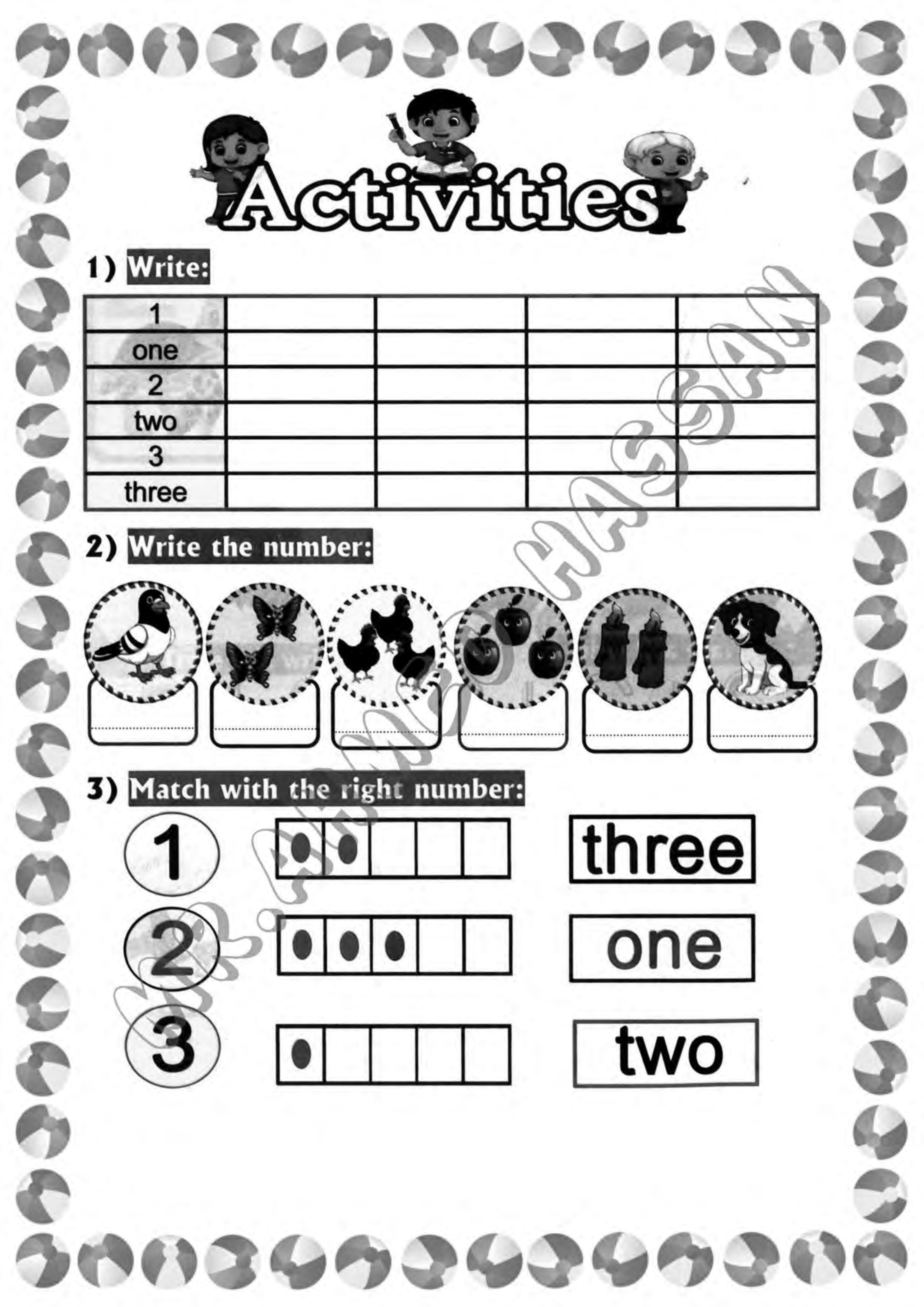
5	6	7

Complete the missing letter to write the number

S - x	......	- wo	......	E-g-t	......
f-u-	......	O - -	......	s-ve-	......
Th-e-	......	-iv-	......	Z - - o	......
Thr--	......	f-v-	......	-i- e	......
S-v-n	......	-ou-	......	-ev-n	......
--x	......	Tw-	......	T--	......

How many insects are there in each group ?





Activities

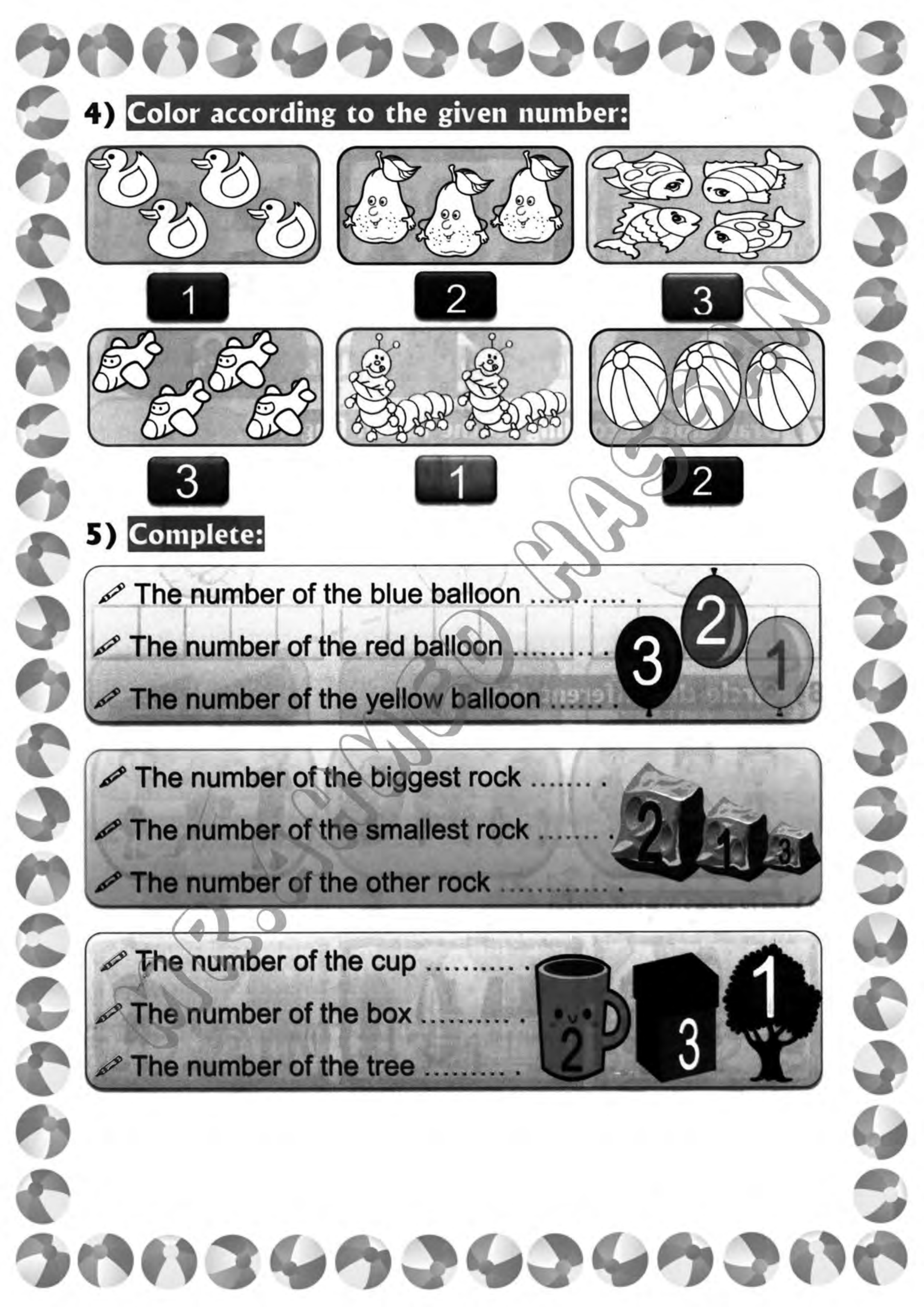
1) **Write:**

1				
one				
2				
two				
3				
three				

2) **Write the number:**

3) **Match with the right number:**

1	●●	three
2	●●●	one
3	●	two



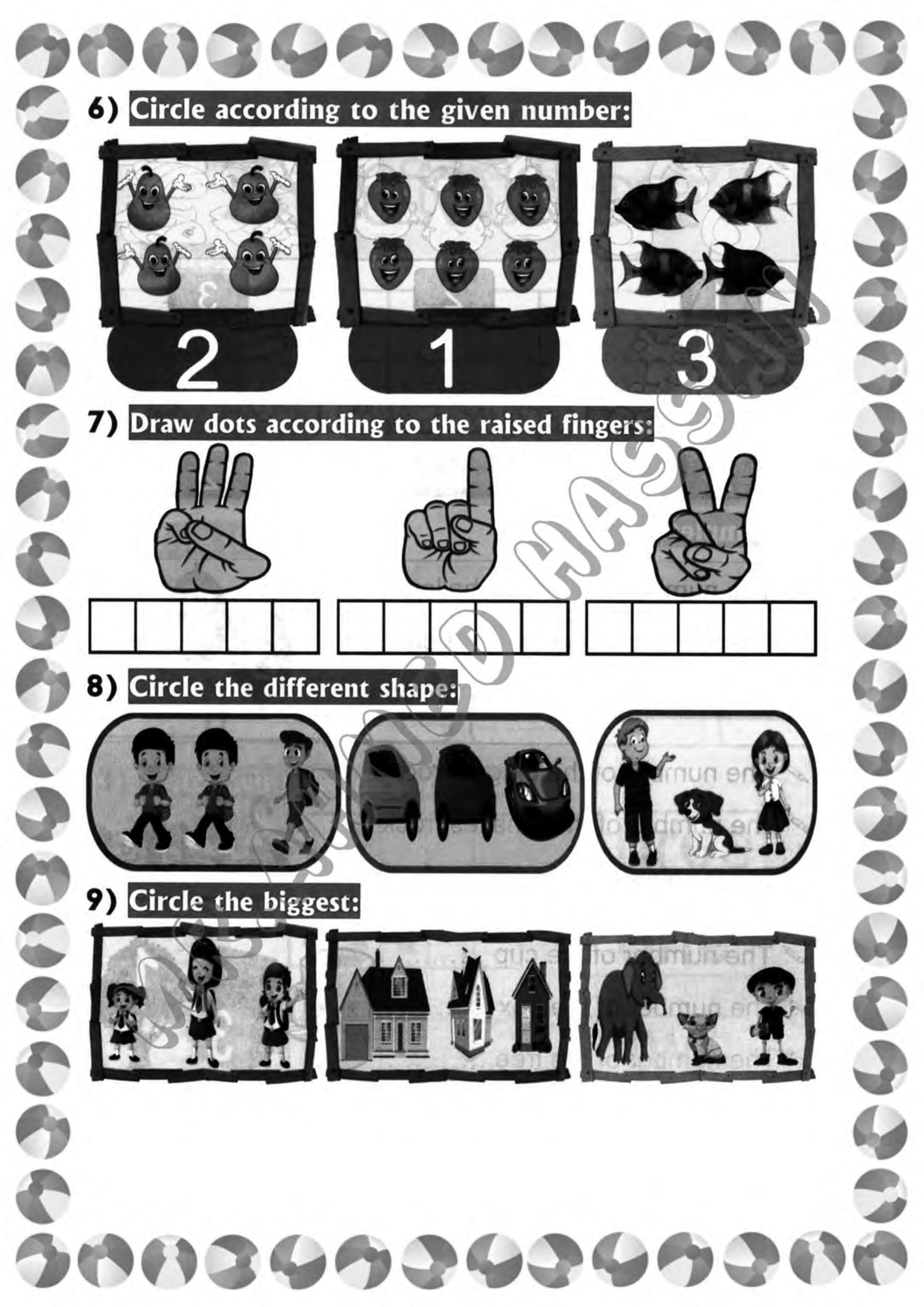
4) Color according to the given number:

5) Complete:

- The number of the blue balloon ....
- The number of the red balloon ....
- The number of the yellow balloon ....

- The number of the biggest rock ....
- The number of the smallest rock ....
- The number of the other rock ....

- The number of the cup ....
- The number of the box ....
- The number of the tree ....



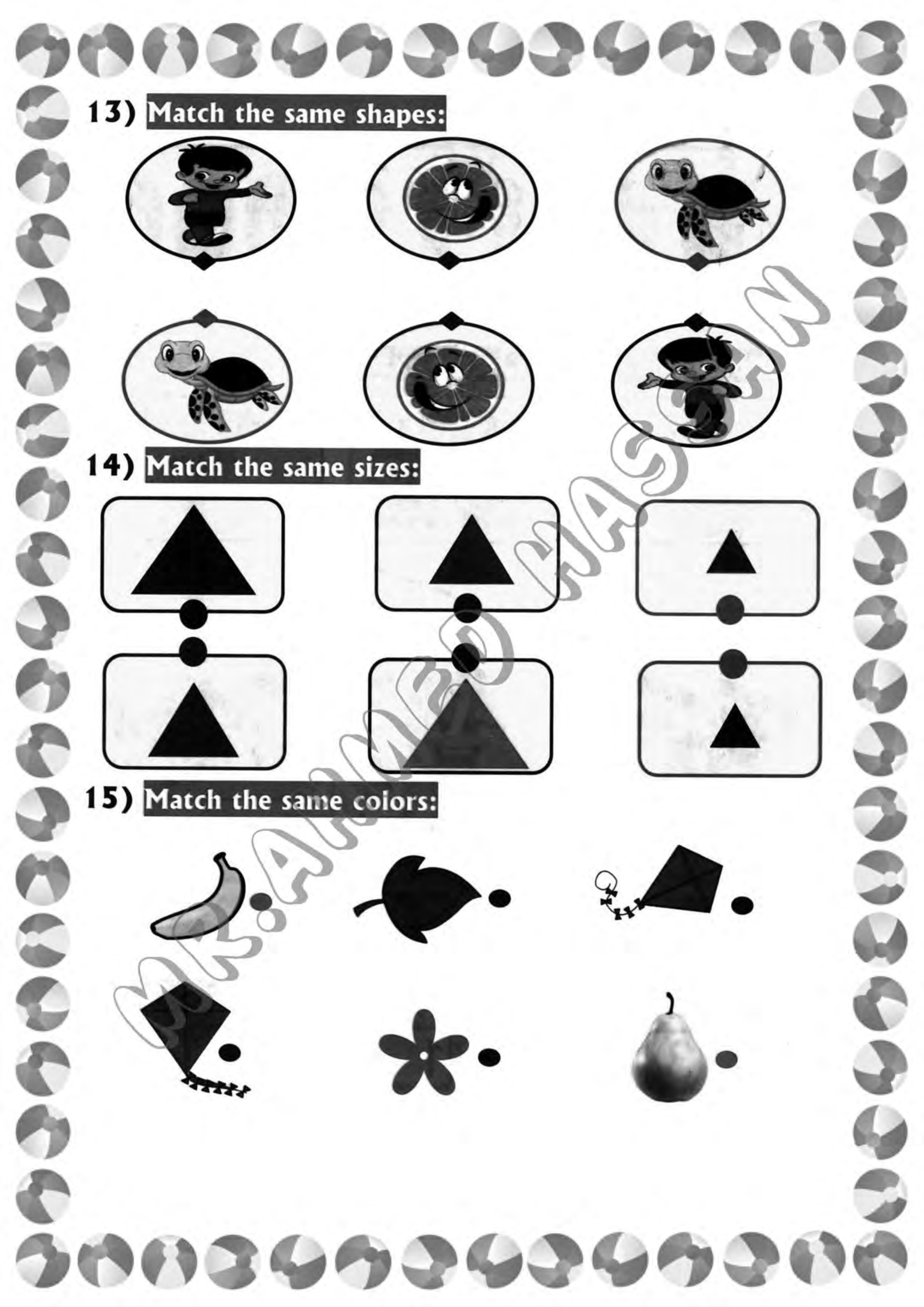
6) Circle according to the given number:

2 1 3

7) Draw dots according to the raised fingers:

8) Circle the different shape:

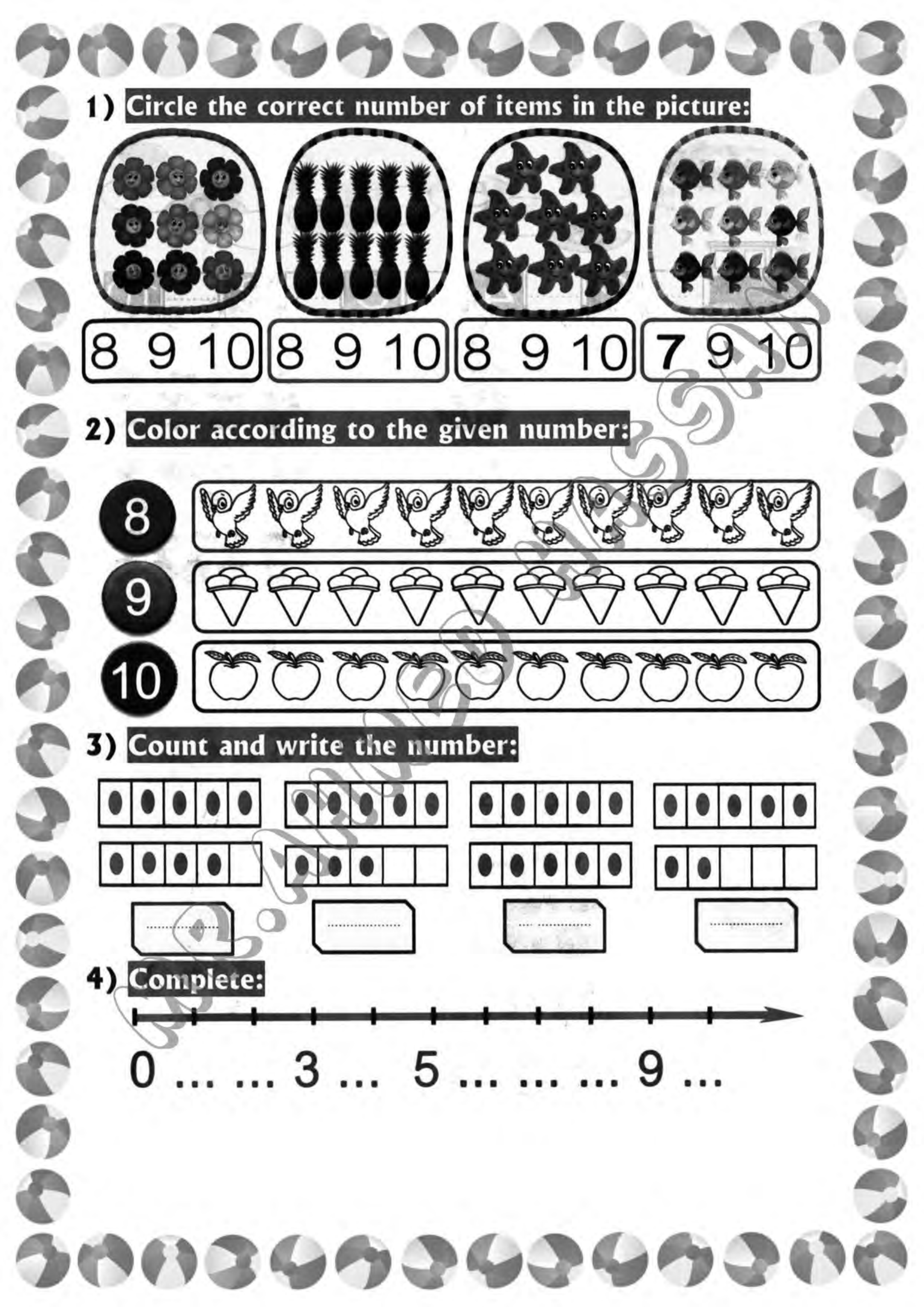
9) Circle the biggest:



13) Match the same shapes:

14) Match the same sizes:

15) Match the same colors:



1) **Circle the correct number of items in the picture:**

8 9 10 | 8 9 10 | 8 9 10 | 7 9 10

2) **Color according to the given number:**

8

9

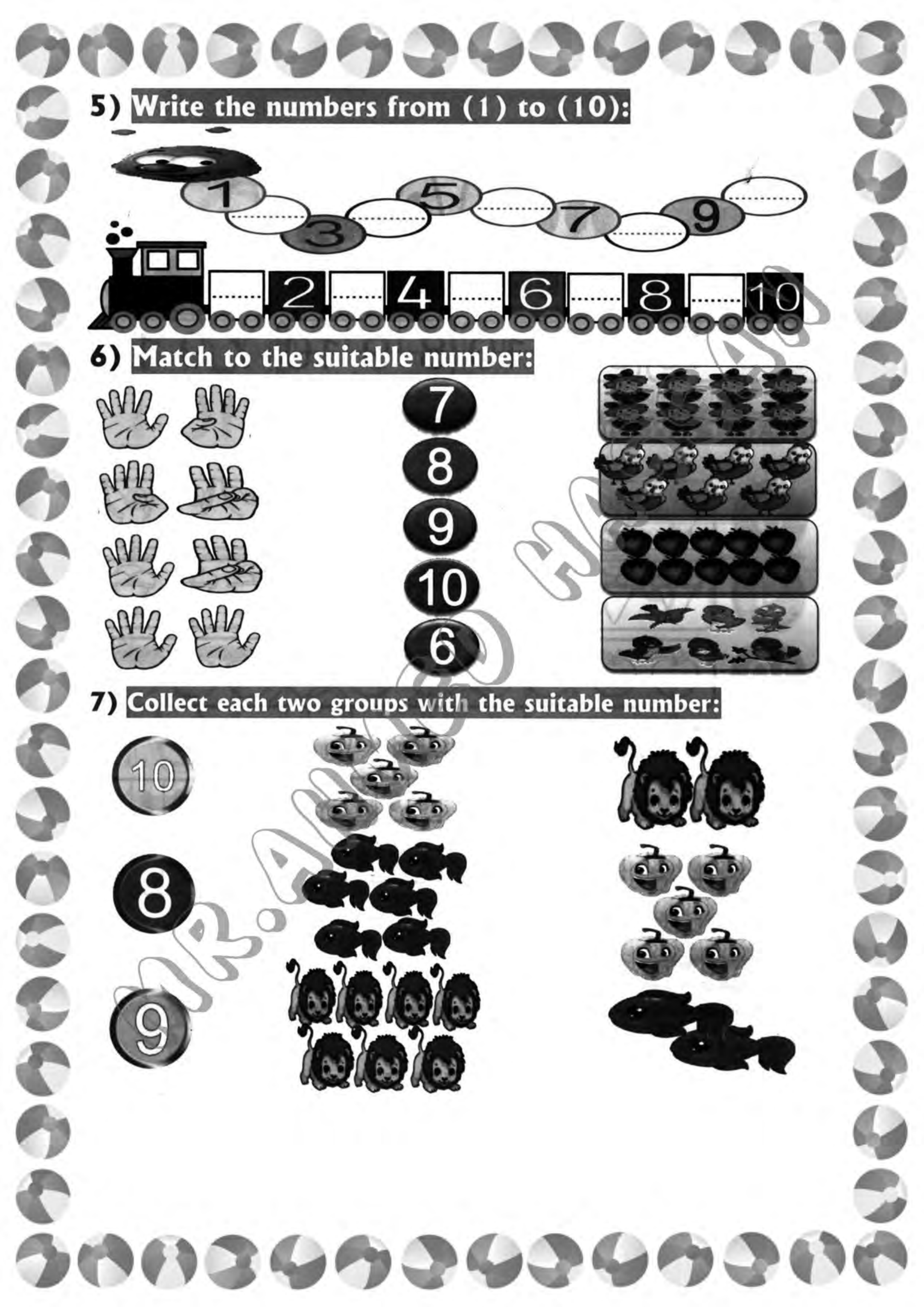
10

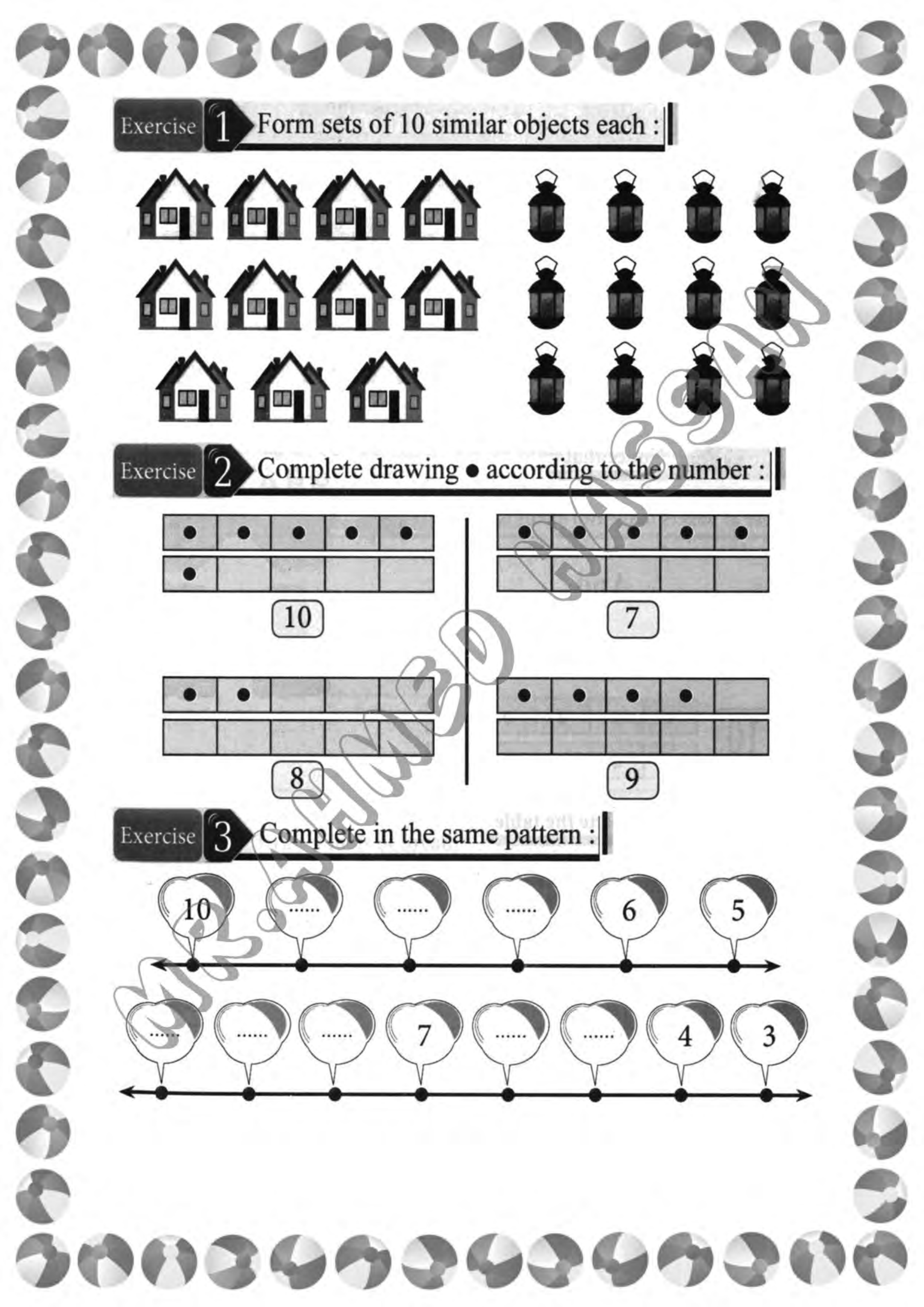
3) **Count and write the number:**

....

4) **Complete:**

0 ... ... 3 ... 5 ... ... 9 ...


5) Write the numbers from (1) to (10):
1
3
5
7
9
2
4
6
8
10
6) Match to the suitable number:
7
8
9
10
6
7) Collect each two groups with the suitable number:
10
8
9



Exercise 1 Form sets of 10 similar objects each :

Exercise 2 Complete drawing ● according to the number :

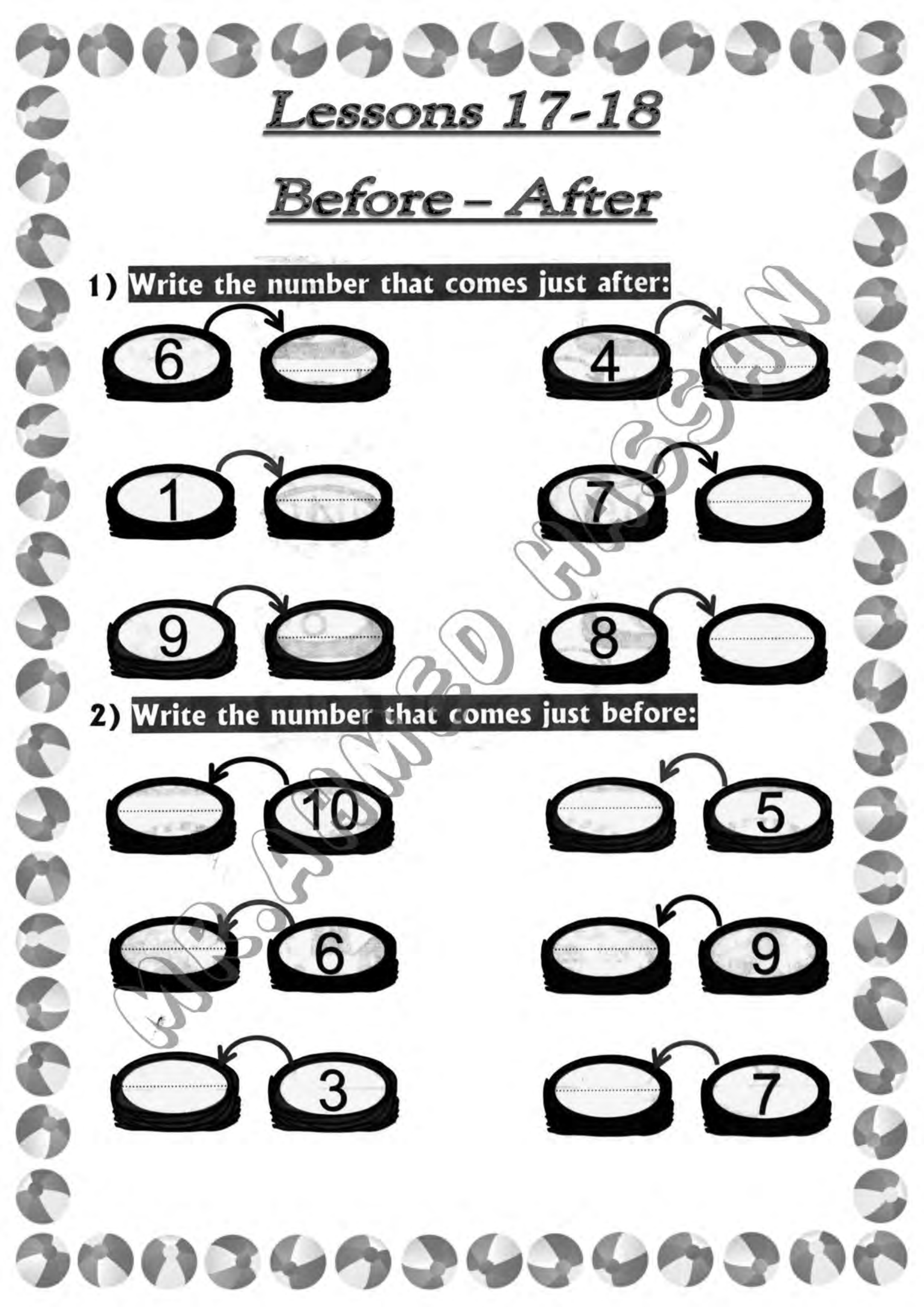
10

7

8

9

Exercise 3 Complete in the same pattern :



Lessons 17-18

Before – After

1) Write the number that comes just after:

6 → ......

4 → ......

1 → ......

7 → ......

9 → ......

8 → ......

2) Write the number that comes just before:

...... ← 10

...... ← 5

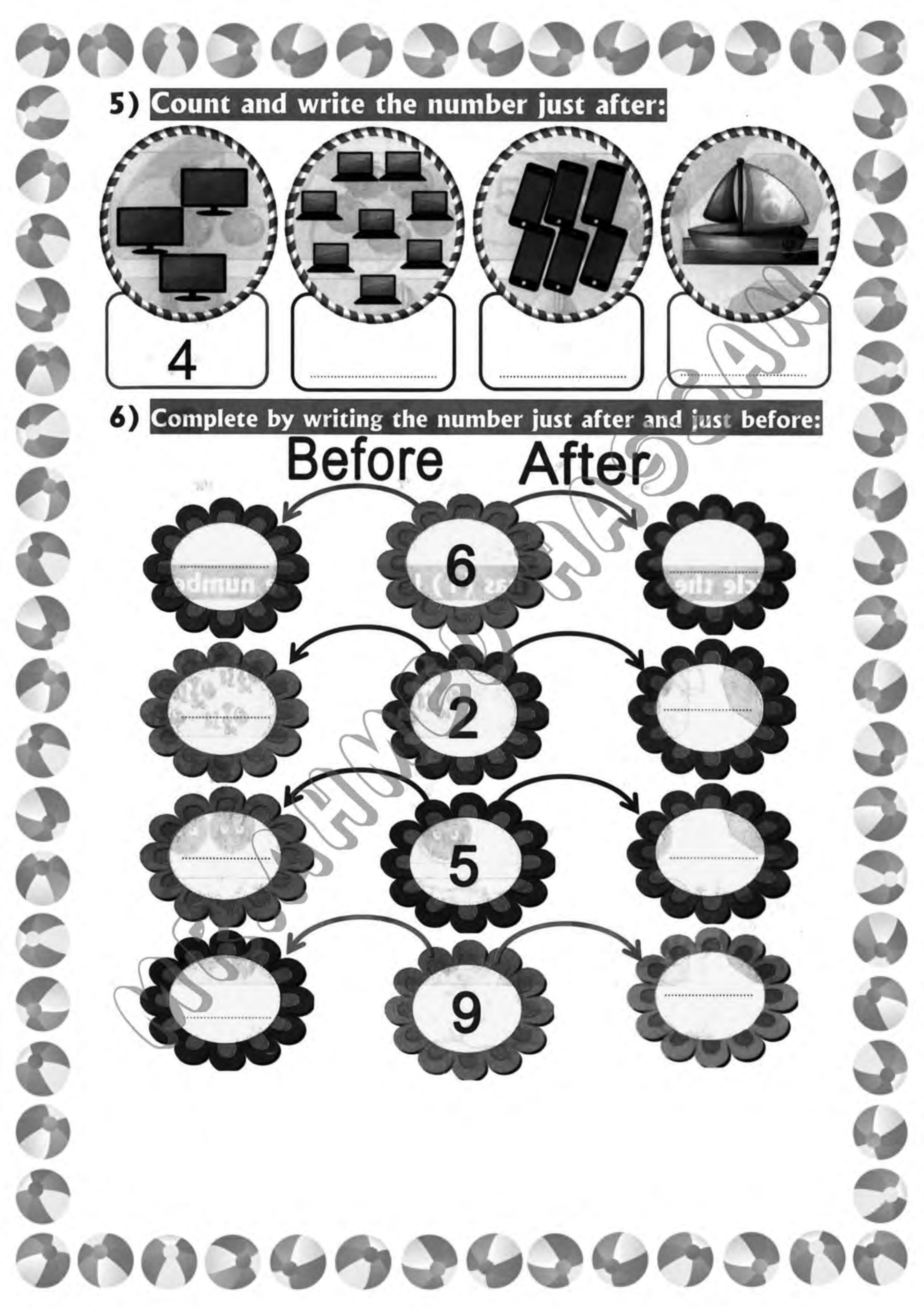
...... ← 6

...... ← 9

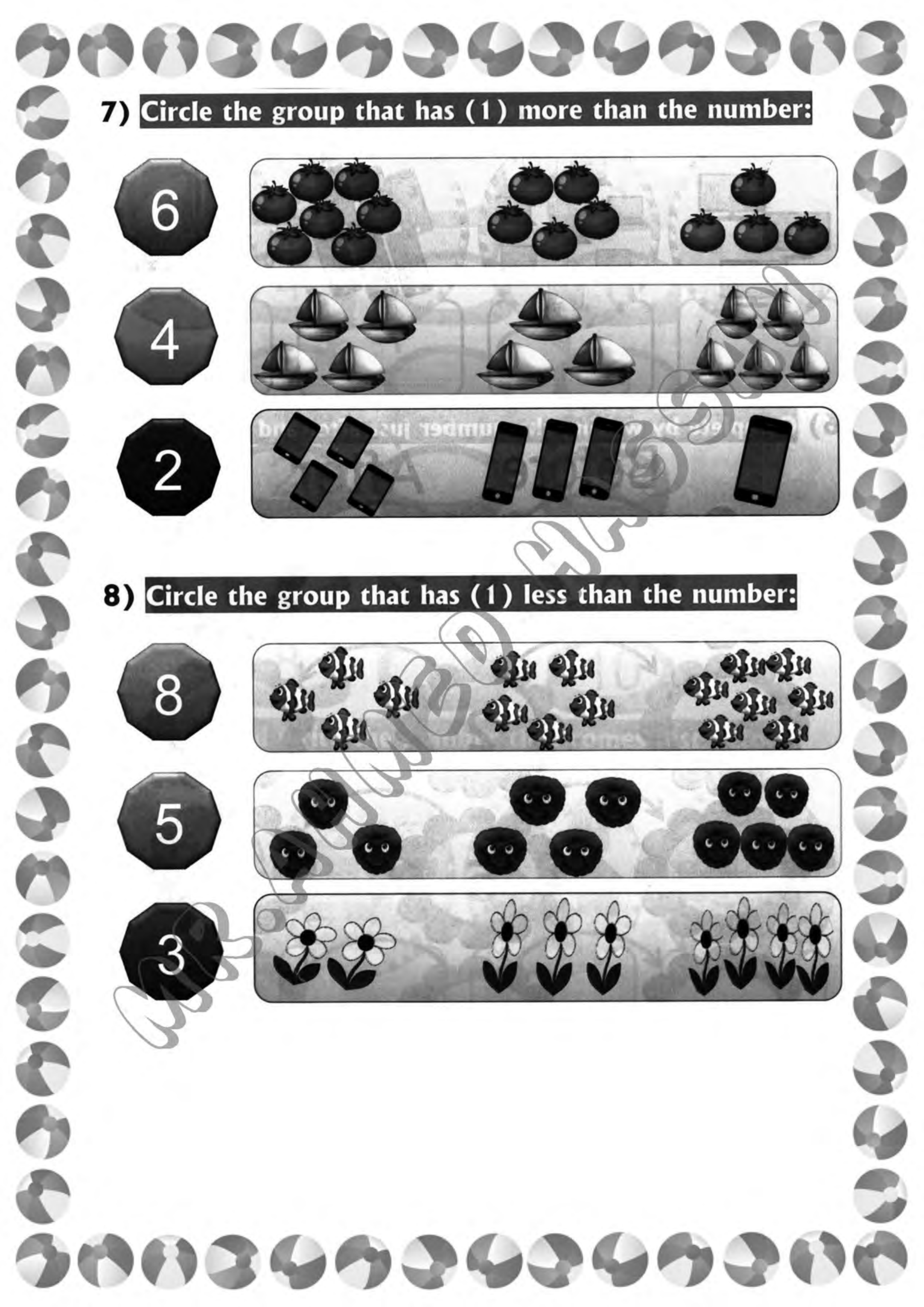
...... ← 3

...... ← 7

5) Count and write the number just after:

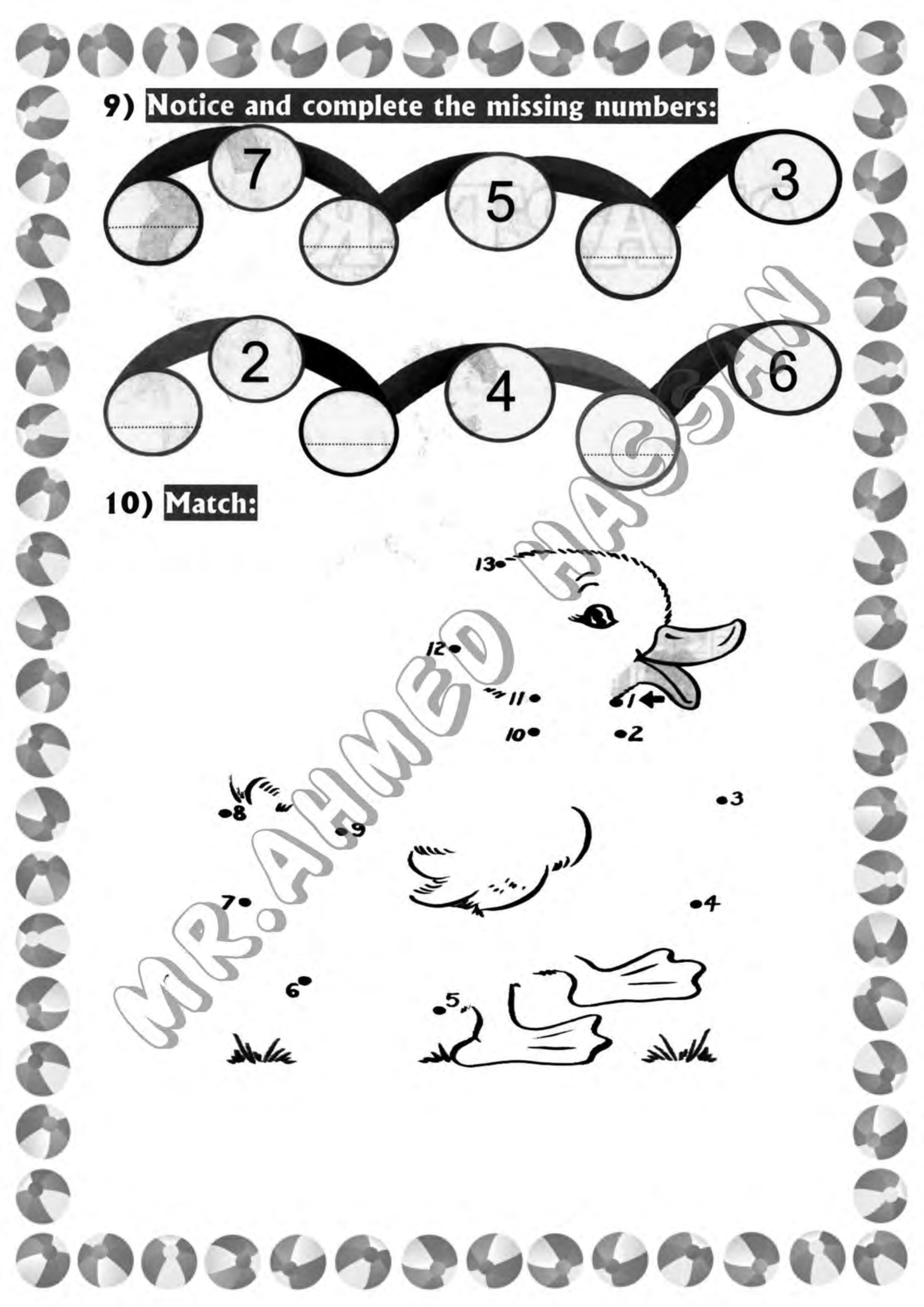


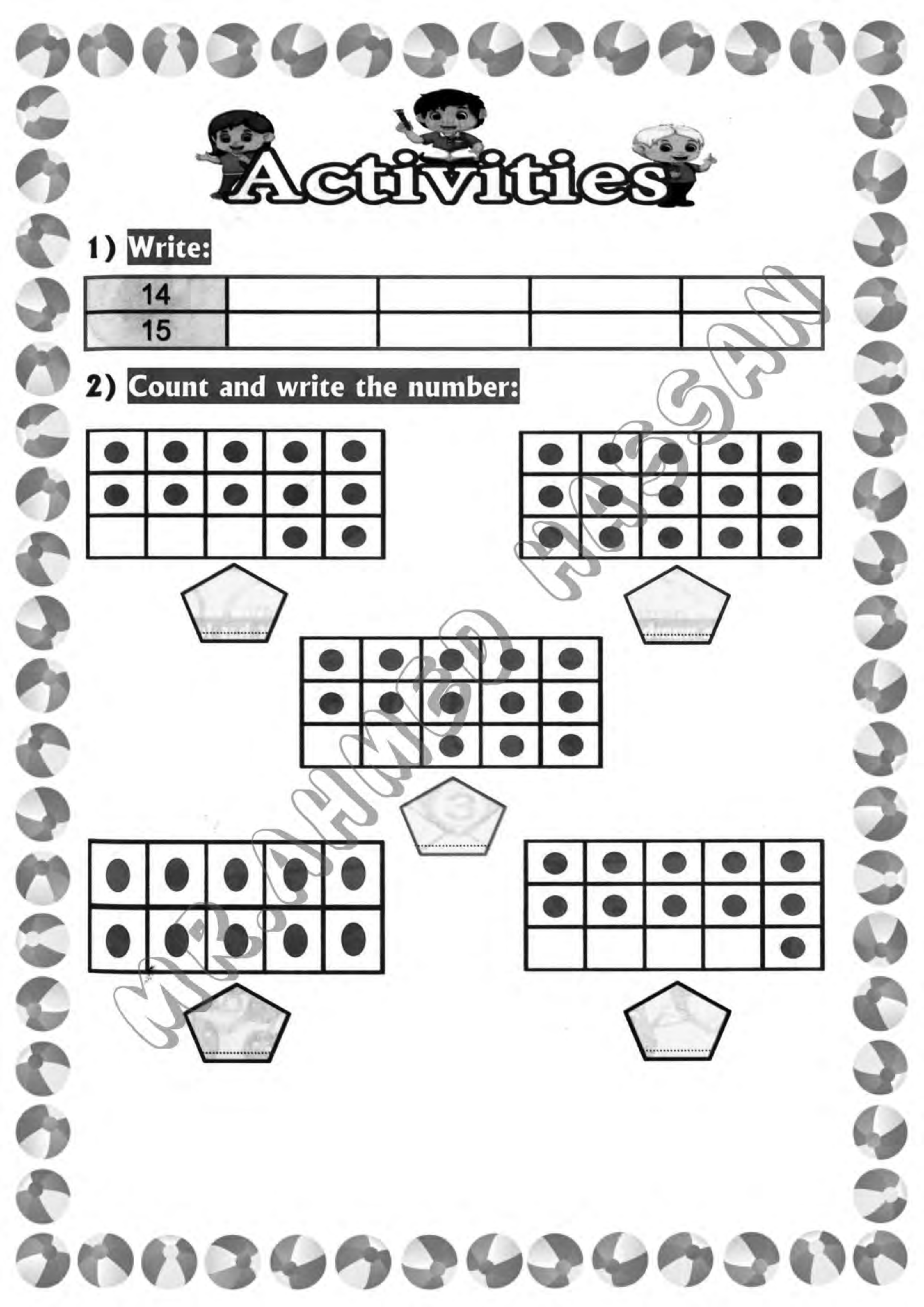
6) Complete by writing the number just after and just before:


7) Circle the group that has (1) more than the number:
6
4
2
8) Circle the group that has (1) less than the number:
8
5
3

9) Notice and complete the missing numbers:

10) Match:





Activities

1) Write:

14				
15				

2) Count and write the number:

Exercise 1 Write the suitable number :

(a) The number that comes just after 8 is ....

(b) The number that comes just after 3 is ....

(c) The number that comes just before 10 is ....

(d) The number that comes just before 6 is ....

Exercise 2 Choose the suitable number

(a) The number that comes just after 0 is .... (4 , 7 , 1)

(b) The number that comes just after 6 is .... (5 , 7 , 0)

(c) The number that comes just before 2 is .... (3 , 0 , 1)

(d) The number that comes just before 5 is .... (4 , 6 , 7)

Exercise 3 Choose the suitable number :

(a) The number that 1 greater than 5 is .... (6 , 4 , 5)

(b) The number that 1 greater than 6 is .... (6 , 7 , 5)

(c) The number that 1 less than 8 is .... (6 , 7 , 8)

(d) The number that 1 less than 9 is .... (9 , 8 , 7)

Lessons 19-22

11	eleven
12	twelve
13	thirteen
14	fourteen
15	fifteen

Practice

Count. Circle a group of ten.
Write the number and the name of the number.

4. ______ ______________________

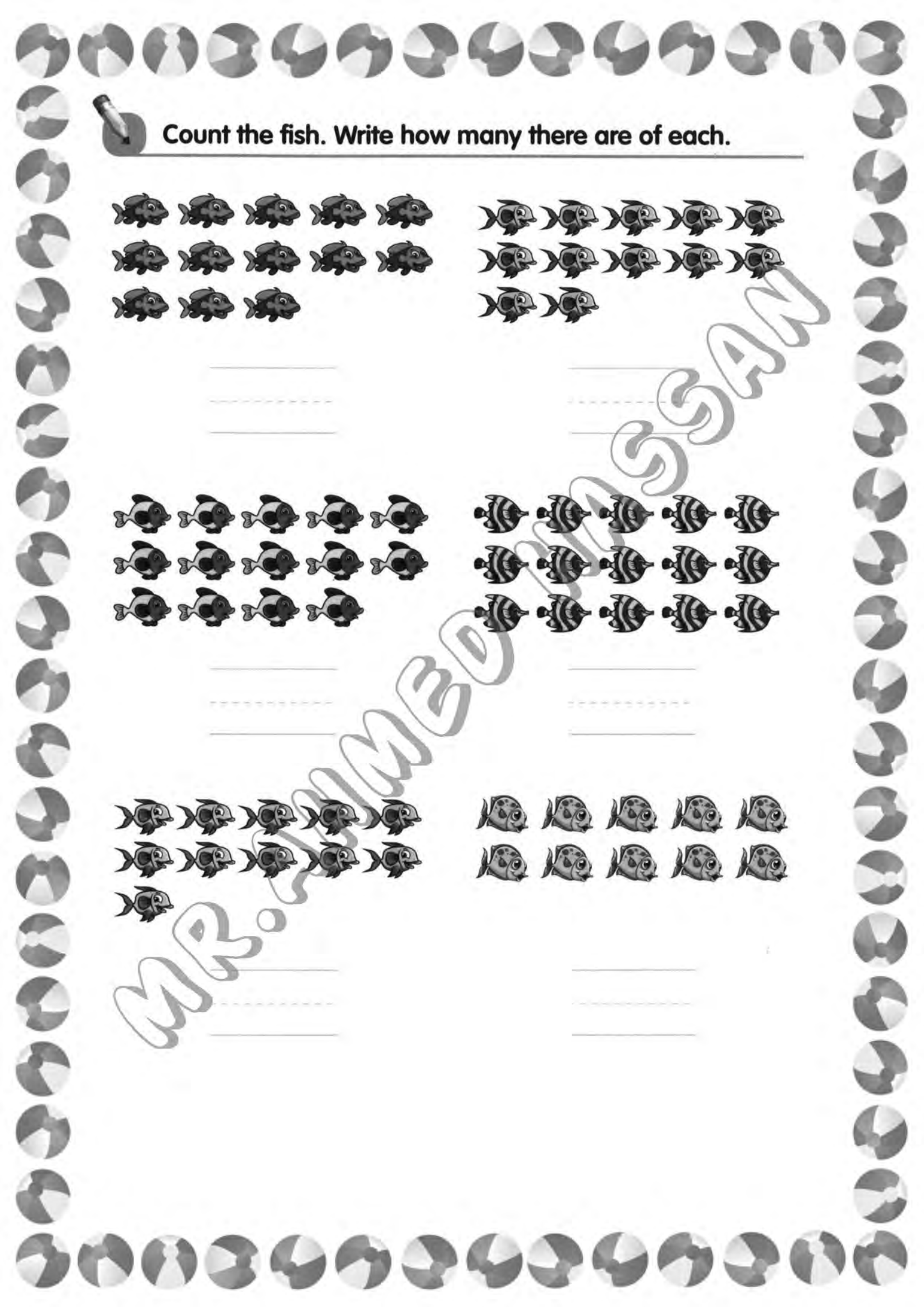
5. ______ ______________________

6. ______ ______________________

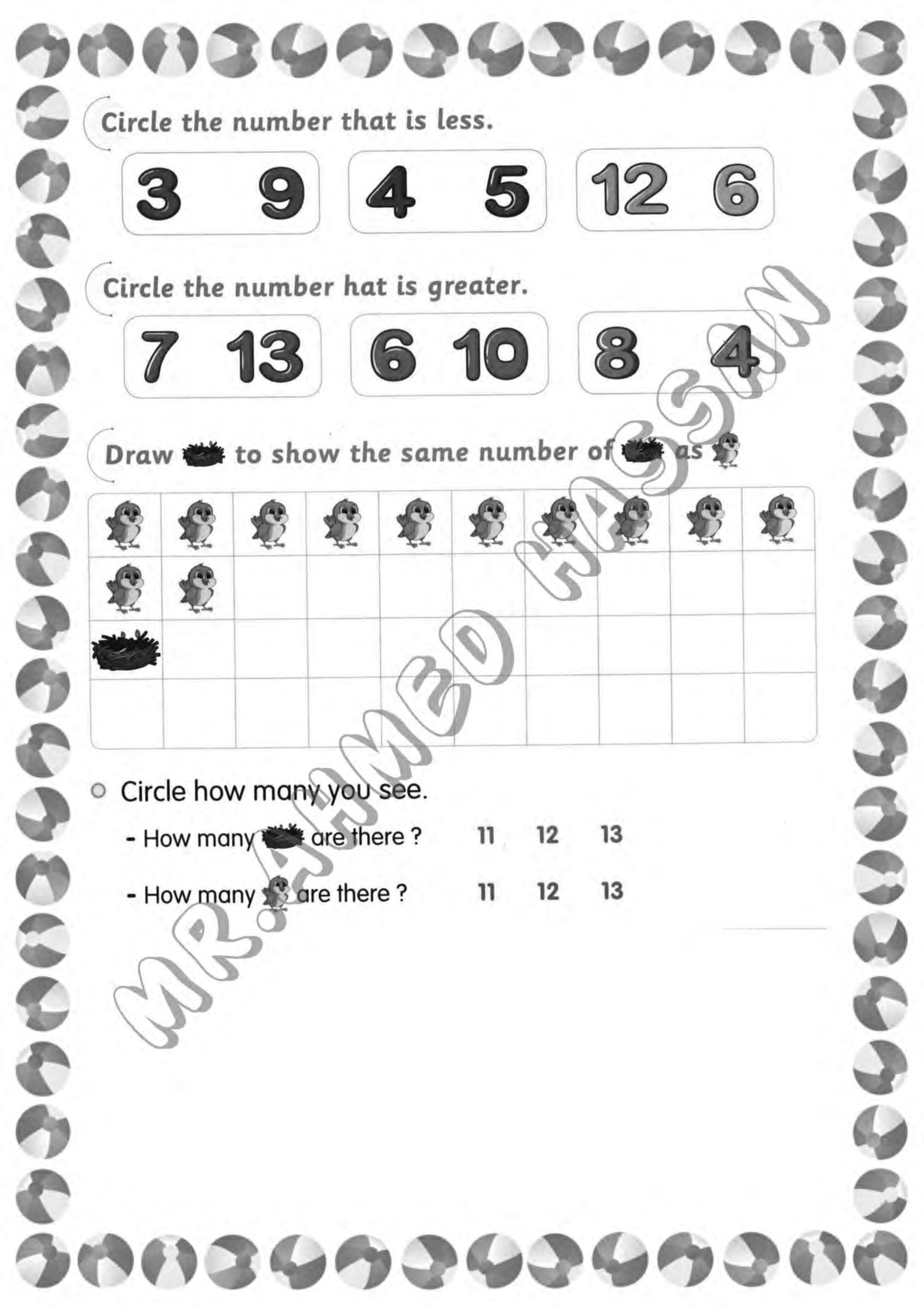
Problem Solving

7. **Number Sense**
Use the picture.
Write how many there are.

______ ______ ______



Count the fish. Write how many there are of each.



Circle the number that is less.

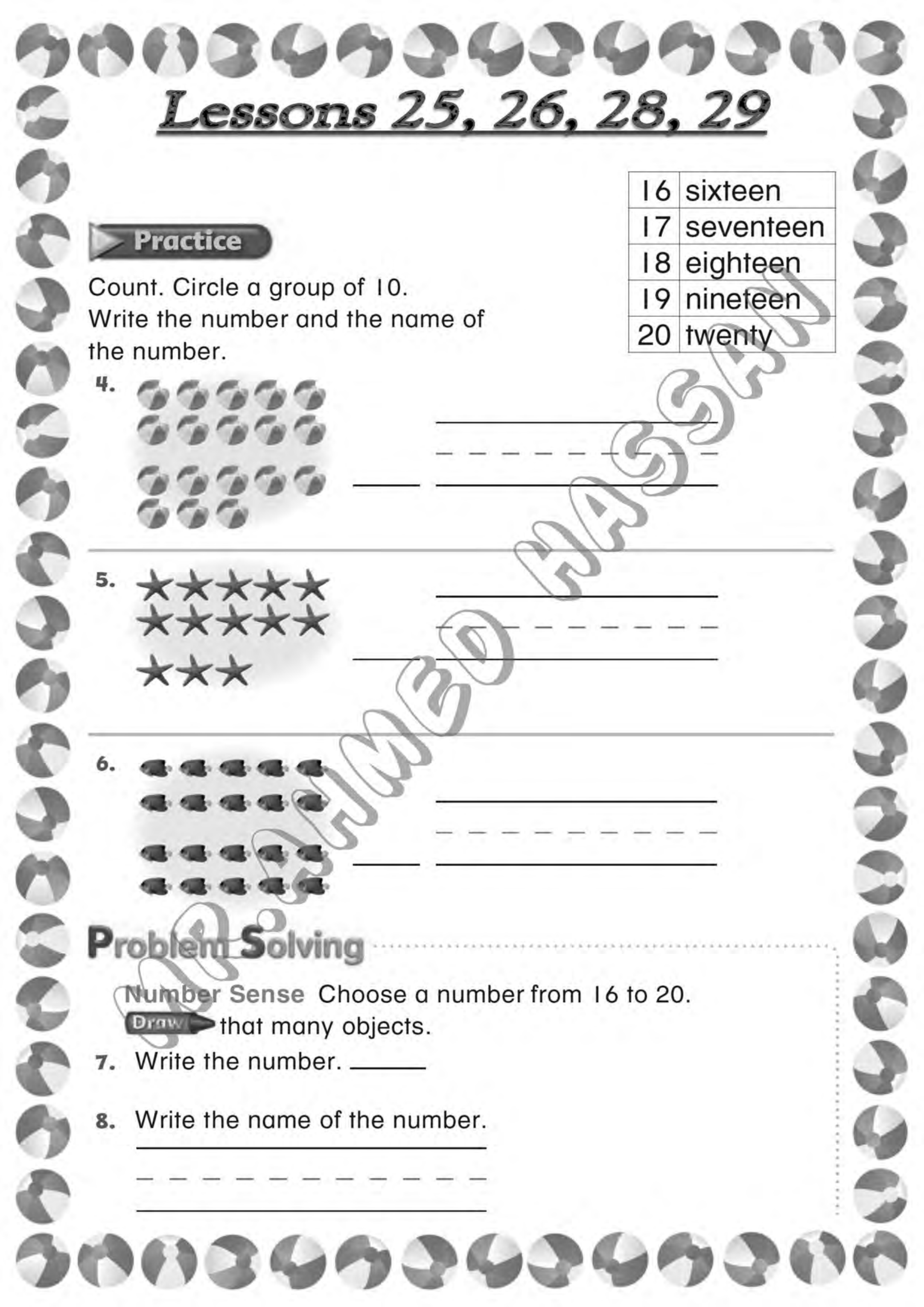
3 9 | 4 5 | 12 6

Circle the number hat is greater.

7 13 | 6 10 | 8 4

Draw [nest] to show the same number of [nest] as [bird]

- Circle how many you see.
  - How many [nest] are there ? 11 12 13
  - How many [bird] are there ? 11 12 13



Lessons 25, 26, 28, 29

16	sixteen
17	seventeen
18	eighteen
19	nineteen
20	twenty

Practice

Count. Circle a group of 10.
Write the number and the name of the number.

4. ______ ______________________

5. ______ ______________________

6. ______ ______________________

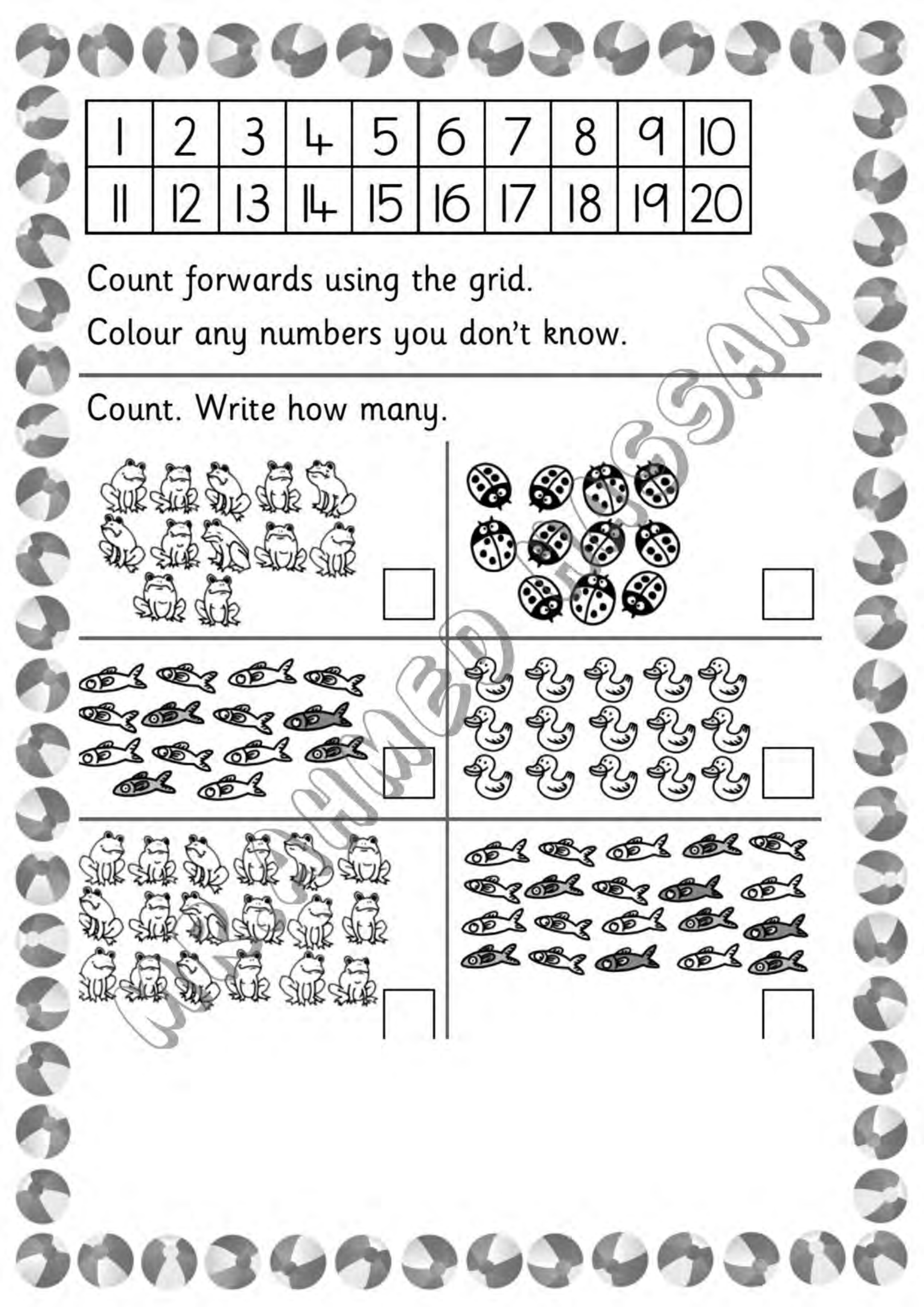
Problem Solving

Number Sense Choose a number from 16 to 20.
Draw that many objects.

7. Write the number. ______

8. Write the name of the number.

____



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Count forwards using the grid.

Colour any numbers you don't know.

Count. Write how many.

Know Your Numbers

Directions: Count the objects in each group below. Write the number word for each group of objects.

ten eleven twelve thirteen fourteen

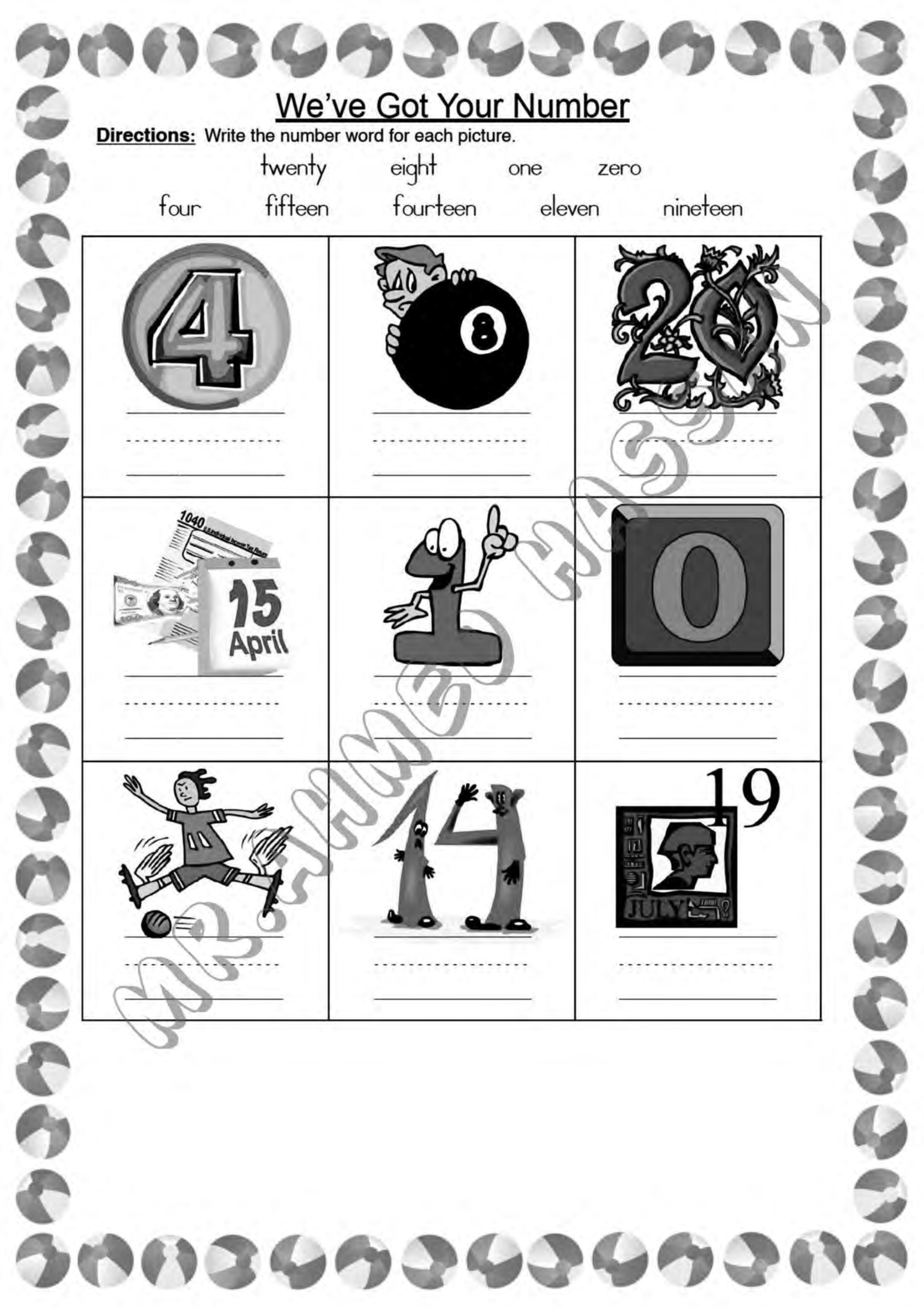
fifteen sixteen seventeen eighteen

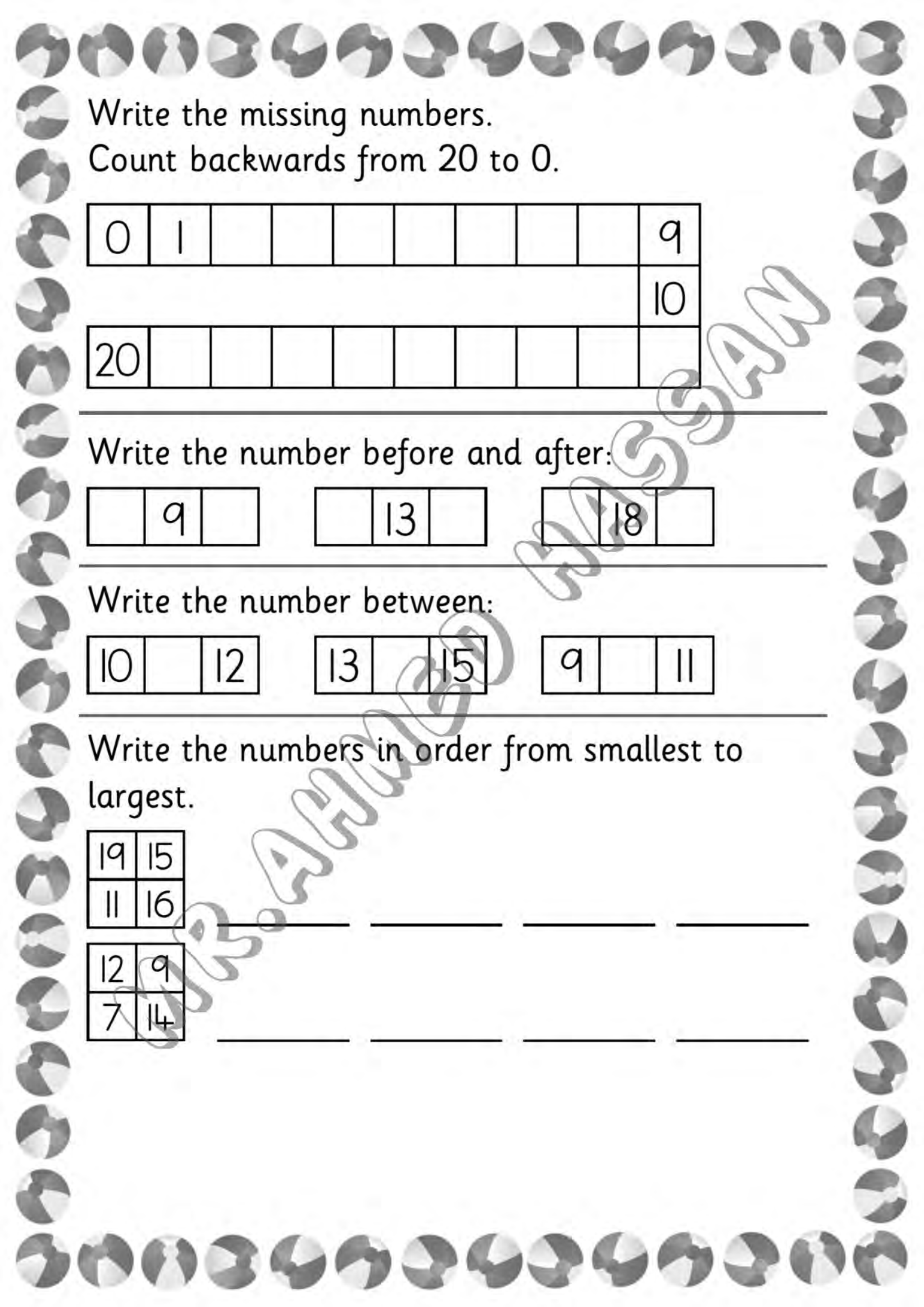
We've Got Your Number

Directions: Write the number word for each picture.

twenty eight one zero

four fifteen fourteen eleven nineteen





Write the missing numbers.
Count backwards from 20 to 0.

0	1								9
									10
20									

Write the number before and after:

	9	

	13	

	18	

Write the number between:

10		12

13		15

9		11

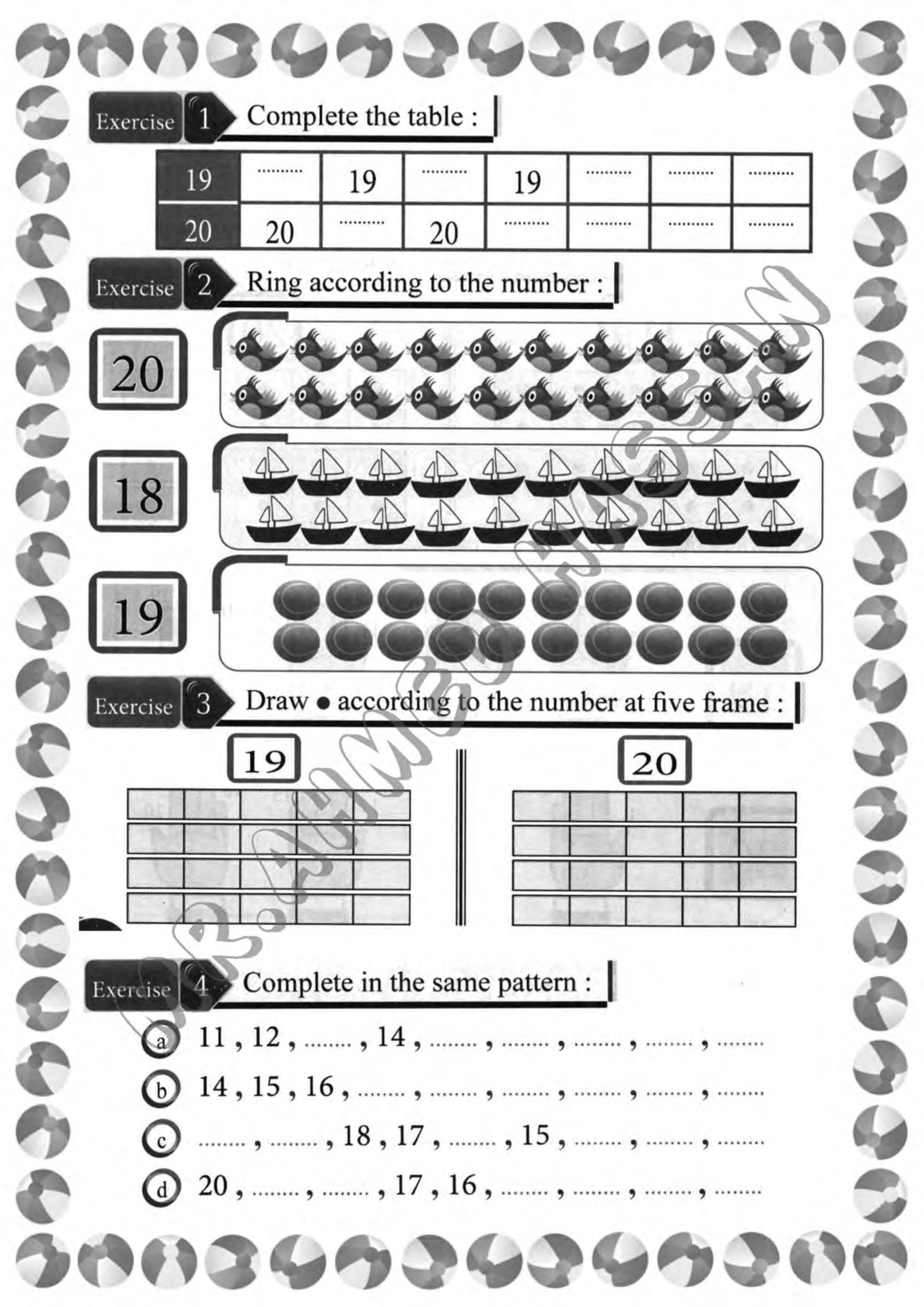
Write the numbers in order from smallest to largest.

19	15
11	16

______ ______ ______ ______

12	9
7	14

______ ______ ______ ______



Exercise 1 Complete the table :

19	....	19	....	19	....	....	....
20	20	....	20	....	....	....	....

Exercise 2 Ring according to the number :

20

18

19

Exercise 3 Draw ● according to the number at five frame :

19

20

Exercise 4 Complete in the same pattern :

a) 11 , 12 , ... , 14 , ... , ... , ... , ... , ...

b) 14 , 15 , 16 , ... , ... , ... , ... , ... , ...

c) .... , ... , 18 , 17 , ... , 15 , ... , ... , ...

d) 20 , ... , ... , 17 , 16 , ... , ... , ... , ...

Lessons 23-24

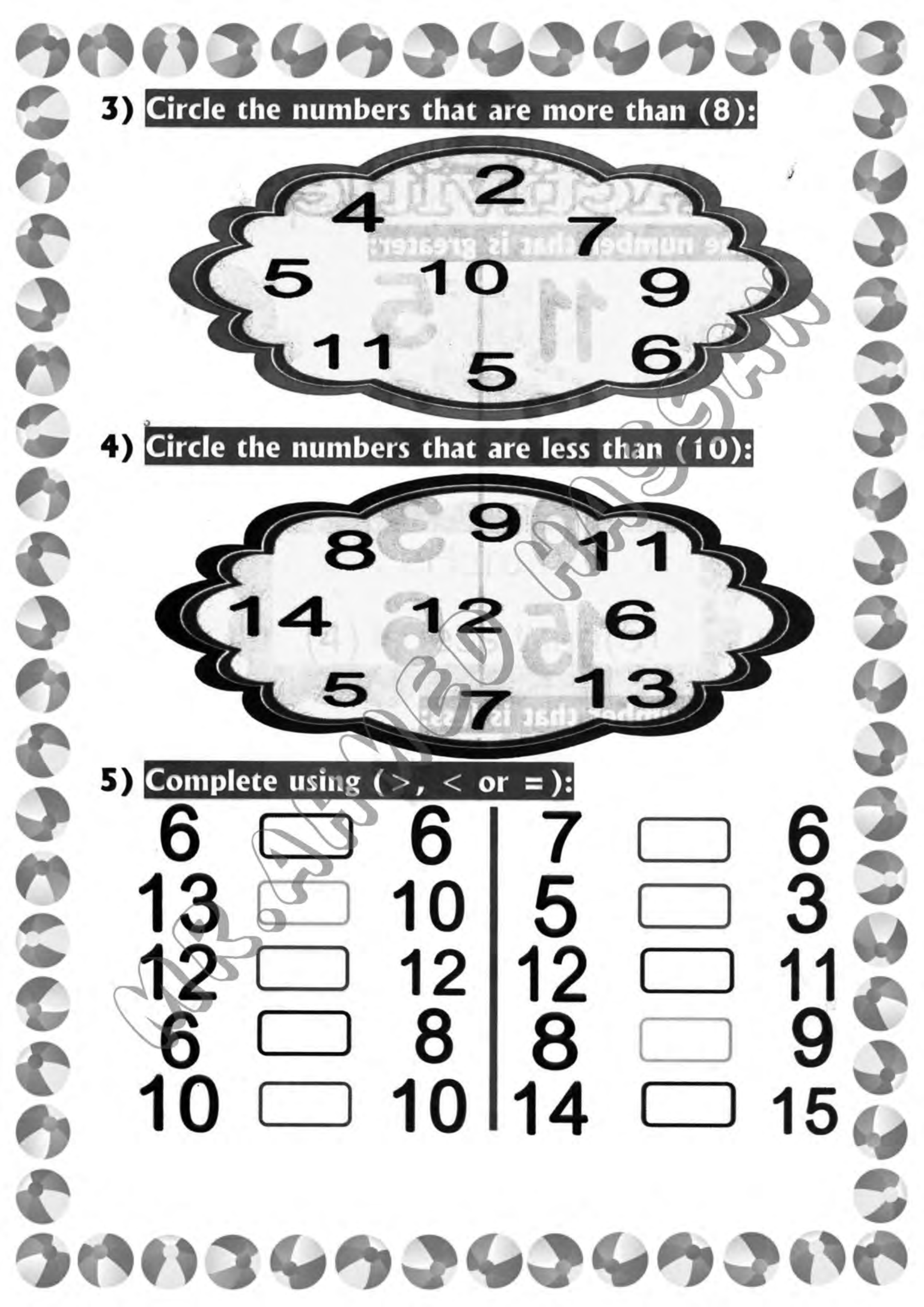
More - Less – Equal

1) Circle the number that is greater:

9	11	5	6
12	13	2	4
14	10	3	7
7	15	6	8

2) Circle the number that is less:

9	12	2	7
15	12	6	8
13	8	2	4
10	11	11	12



3) Circle the numbers that are more than (8):

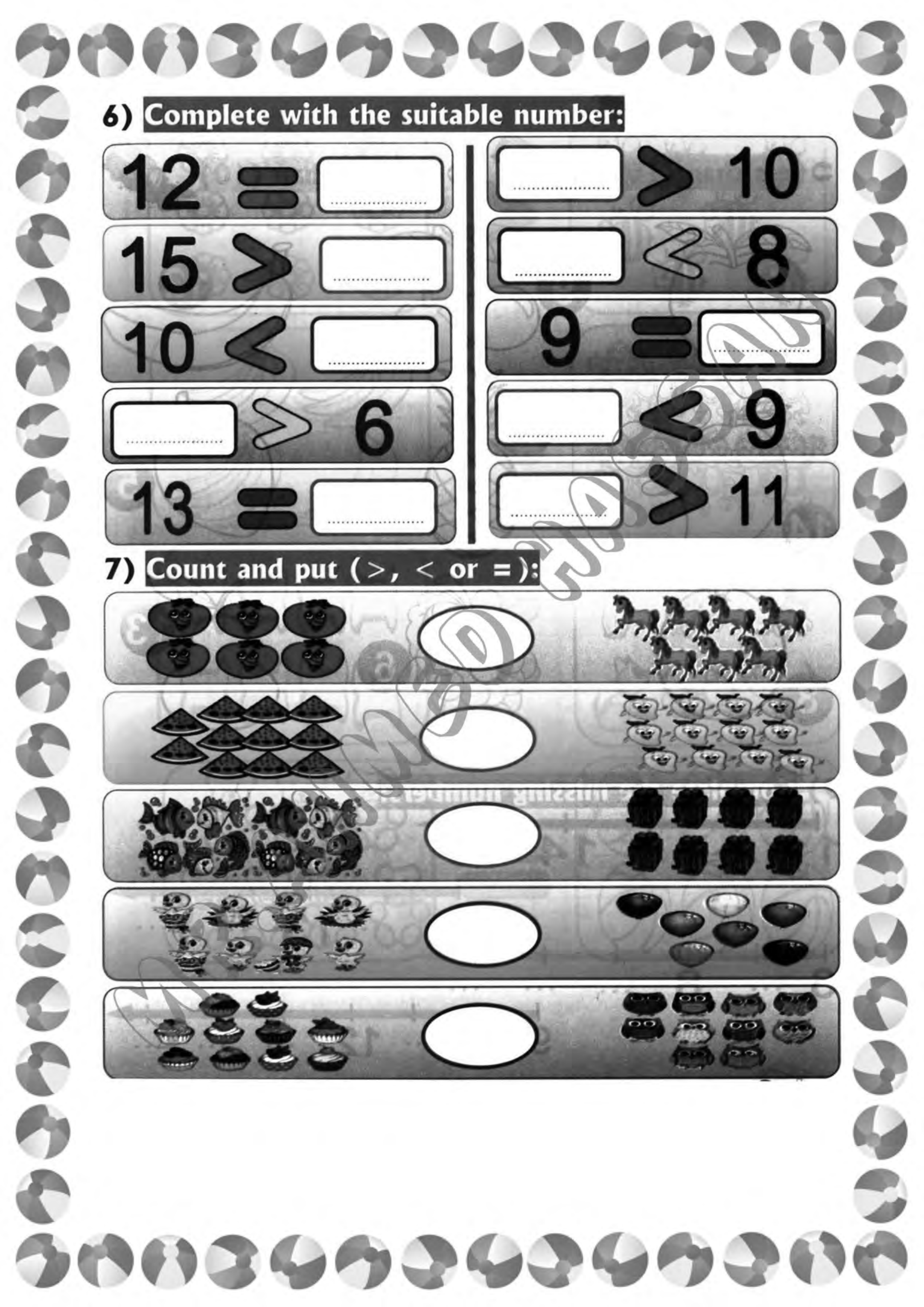
2 4 7 5 10 9 11 5 6

4) Circle the numbers that are less than (10):

9 8 11 14 12 6 5 7 13

5) Complete using (>, < or =):

6	☐	6	7	☐	6
13	☐	10	5	☐	3
12	☐	12	12	☐	11
6	☐	8	8	☐	9
10	☐	10	14	☐	15



6) Complete with the suitable number:

12 = ……………

15 > ……………

10 < ……………

…………… > 6

13 = ……………

…………… > 10

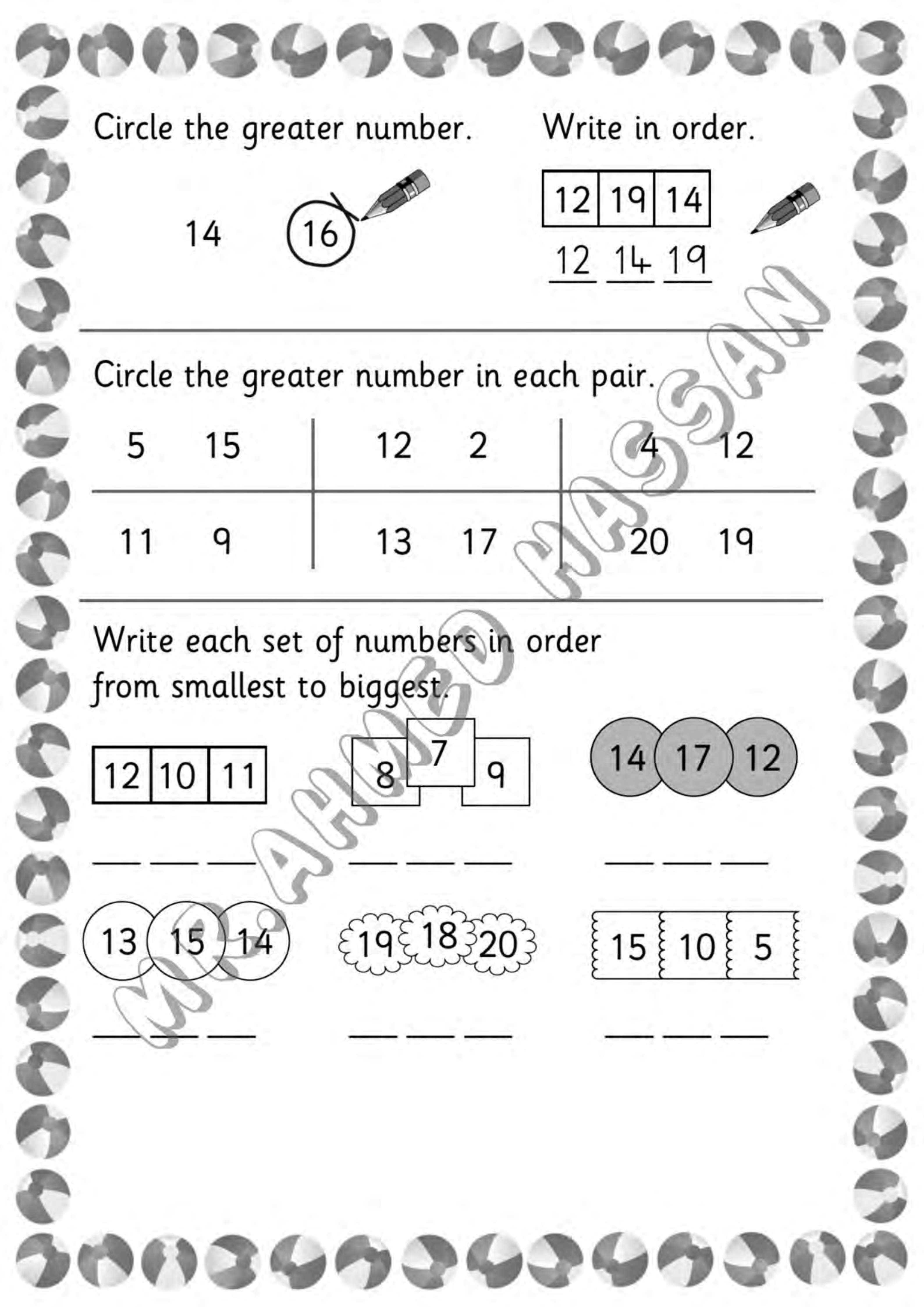
…………… < 8

9 = ……………

…………… < 9

…………… > 11

7) Count and put (>, < or =):



Circle the greater number.

14 16

Write in order.

12	19	14

12 14 19

Circle the greater number in each pair.

5	15	12	2	4	12
11	9	13	17	20	19

Write each set of numbers in order from smallest to biggest.

12 10 11 — ___ ___ ___

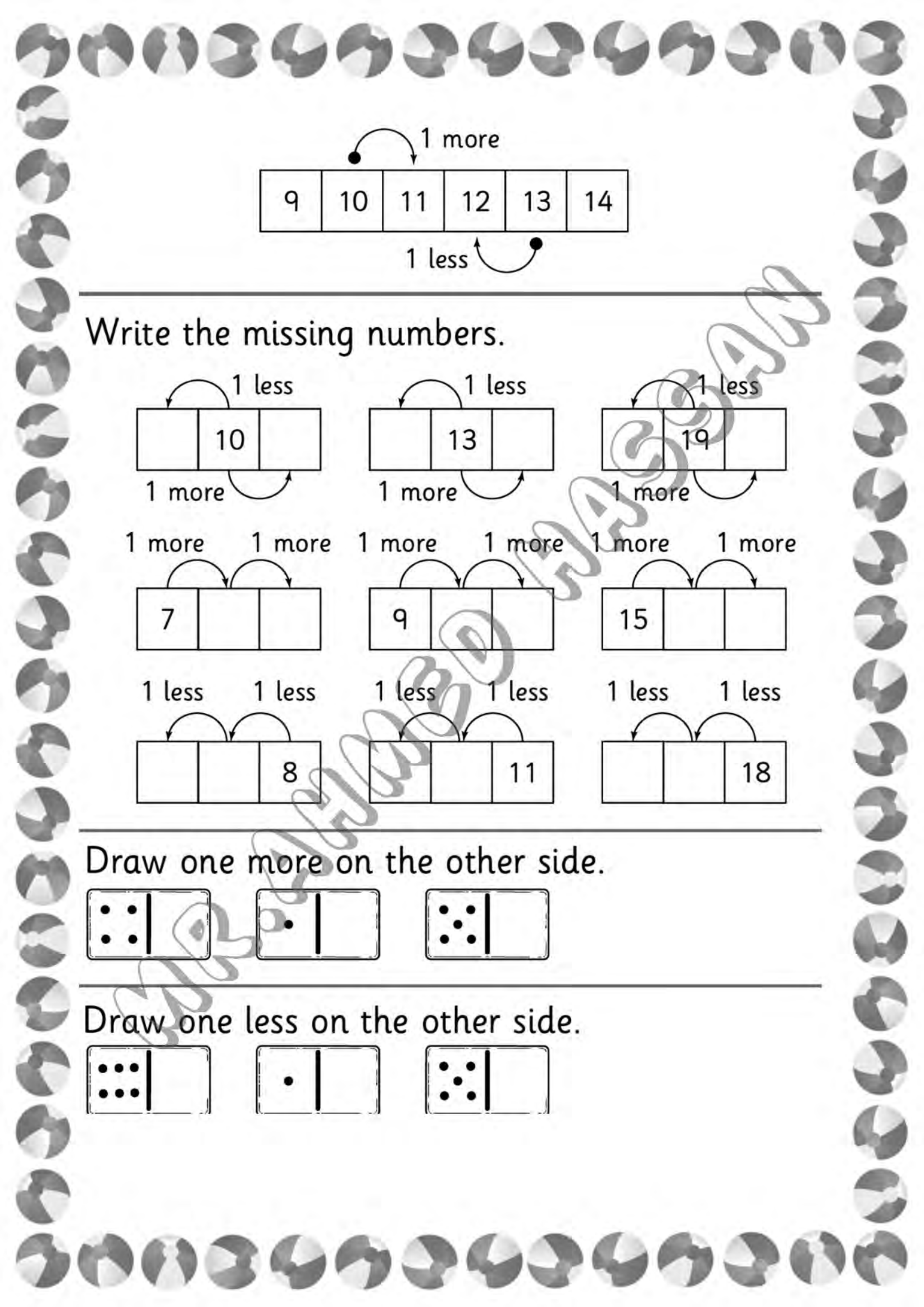
8 7 9 — ___ ___ ___

14 17 12 — ___ ___ ___

13 15 14 — ___ ___ ___

19 18 20 — ___ ___ ___

15 10 5 — ___ ___ ___



1 more

9	10	11	12	13	14

1 less

Write the missing numbers.

1 less / 1 more

	10	

1 less / 1 more

	13	

1 less / 1 more

	19	

1 more 1 more

7		

1 more 1 more

9		

1 more 1 more

15		

1 less 1 less

		8

1 less 1 less

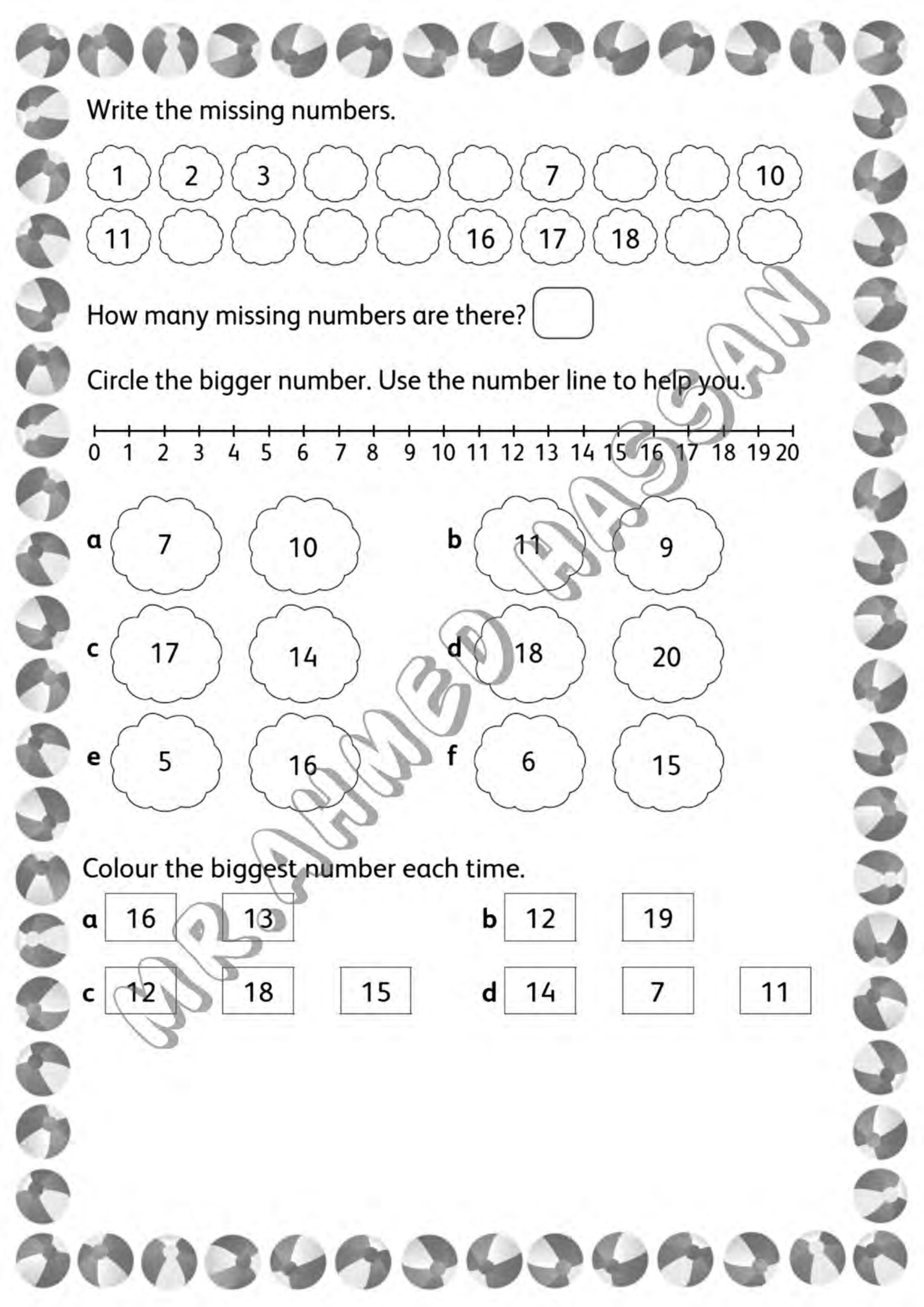
		11

1 less 1 less

		18

Draw one more on the other side.

Draw one less on the other side.



Write the missing numbers.

1	2	3				7			10
11					16	17	18		

How many missing numbers are there? ☐

Circle the bigger number. Use the number line to help you.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

a 7 10

b 11 9

c 17 14

d 18 20

e 5 16

f 6 15

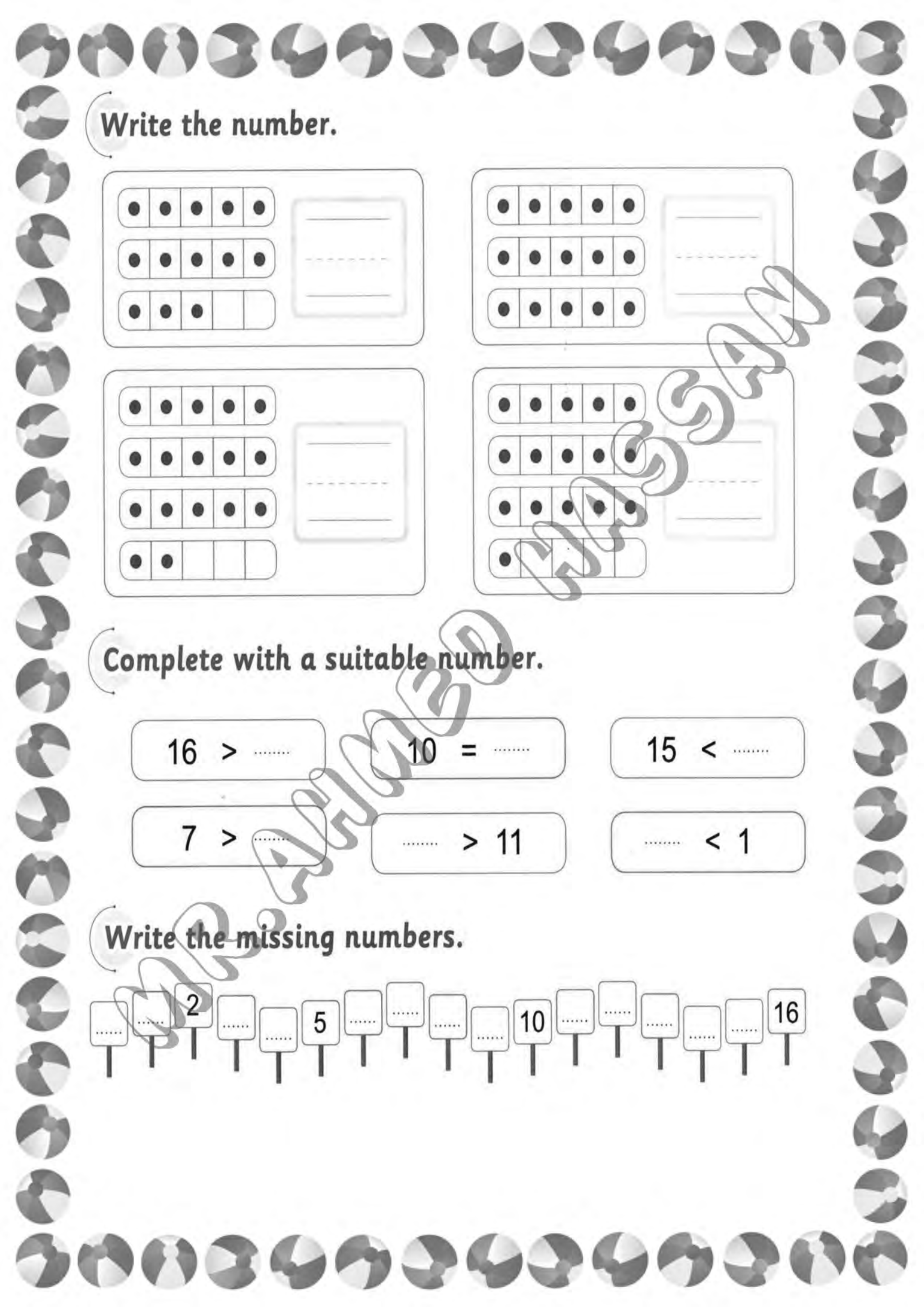
Colour the biggest number each time.

a 16 13

b 12 19

c 12 18 15

d 14 7 11



Write the number.

Complete with a suitable number.

16 > ....

10 = ...

15 < ....

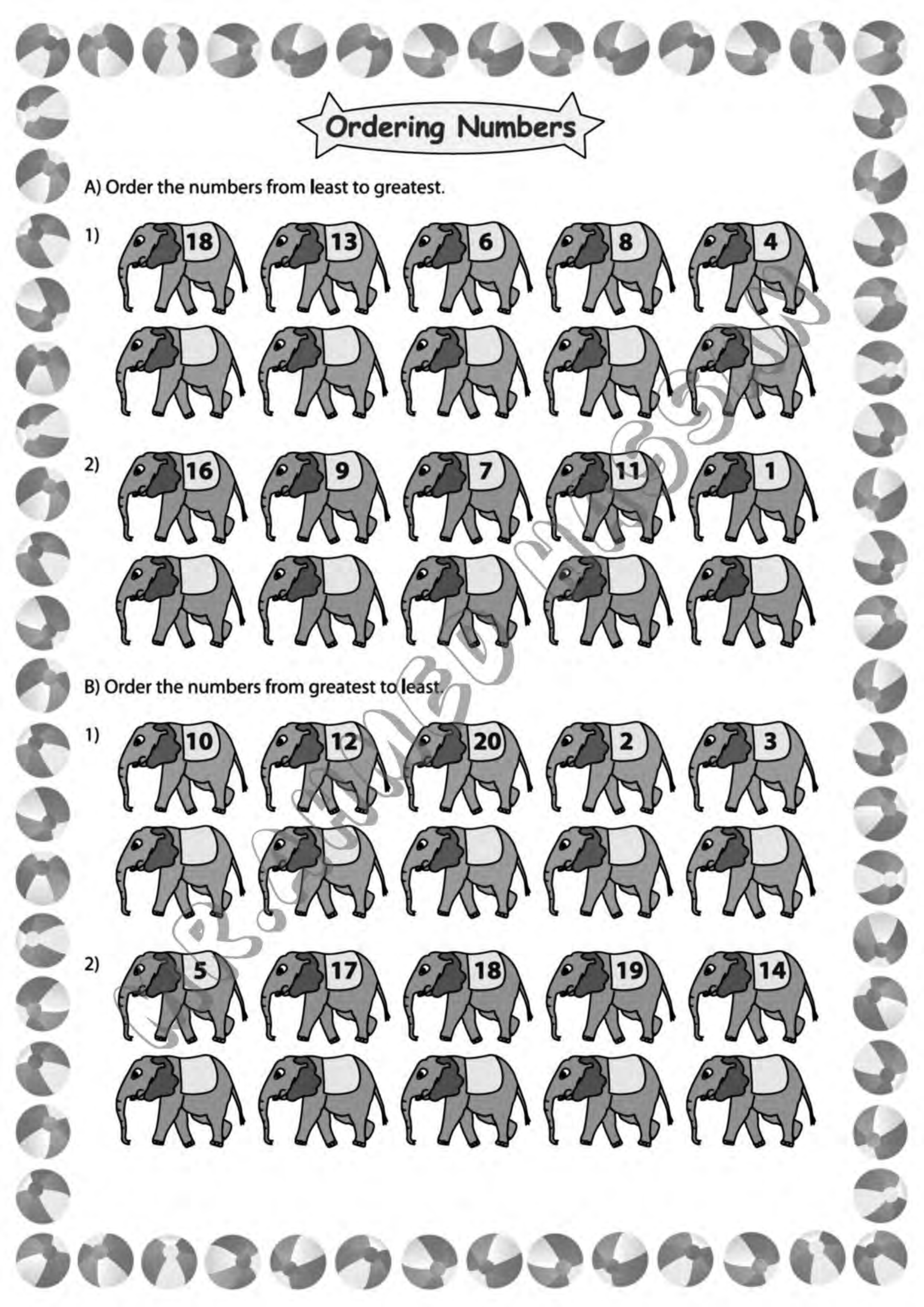
7 > ....

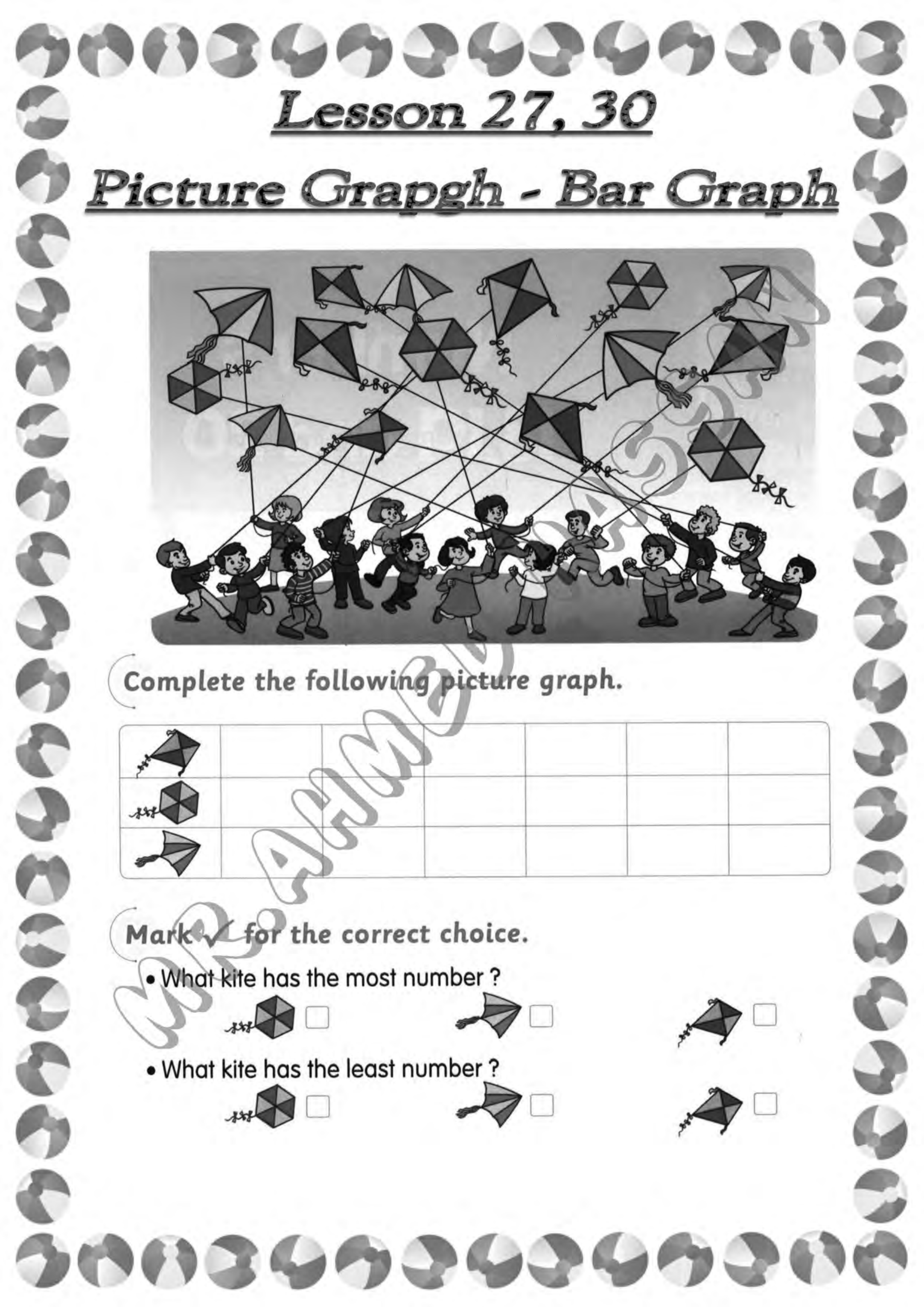
.... > 11

.... < 1

Write the missing numbers.

.... 2 .... 5 .... 10 16


Ordering Numbers
A) Order the numbers from least to greatest.
1)
18
13
6
8
4
2)
16
9
7
11
1
B) Order the numbers from greatest to least.
1)
10
12
20
2
3
2)
5
17
18
19
14



Lesson 27, 30

Picture Grapgh - Bar Graph

Complete the following picture graph.

(kite)						
(hexagon kite)						
(umbrella kite)						

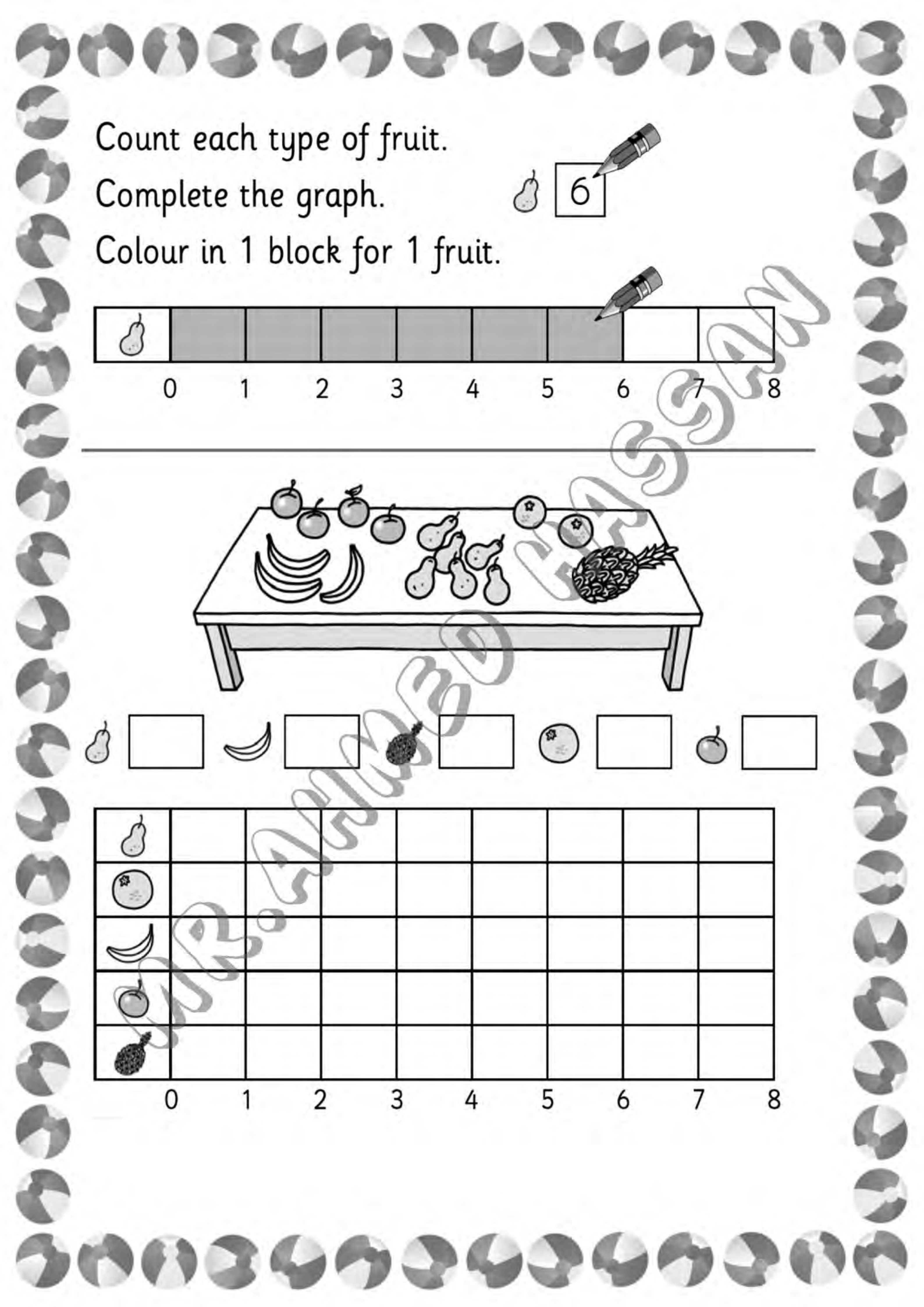
Mark ✓ for the correct choice.

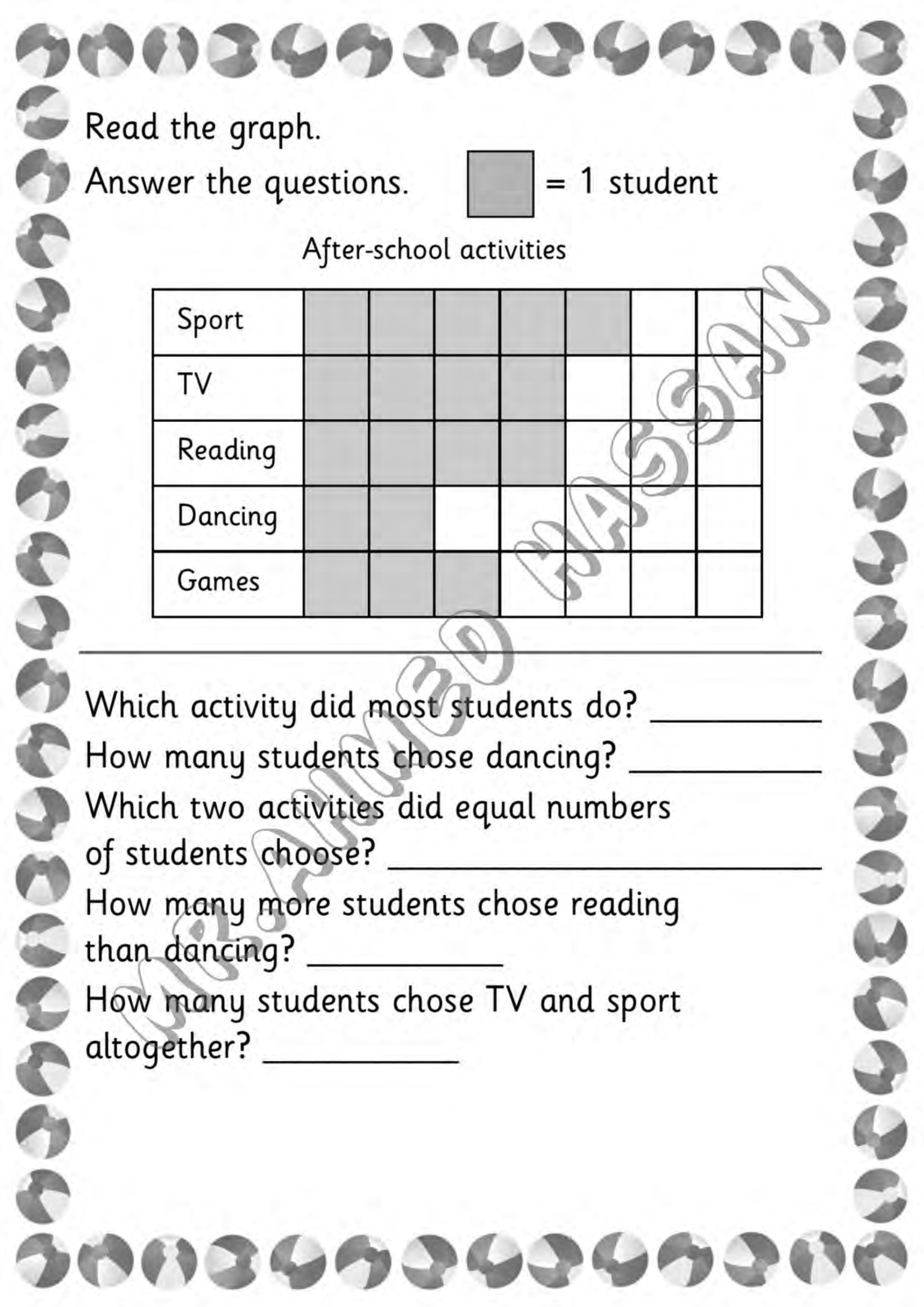
- What kite has the most number ?

  ☐ ☐ ☐

- What kite has the least number ?

  ☐ ☐ ☐


Count each type of fruit.
Complete the graph.
6
Colour in 1 block for 1 fruit.
0 1 2 3 4 5 6 7 8
0 1 2 3 4 5 6 7 8



Read the graph.

Answer the questions. ■ = 1 student

After-school activities

Sport	■	■	■	■	■		
TV	■	■	■	■			
Reading	■	■	■	■			
Dancing	■	■					
Games	■	■	■				

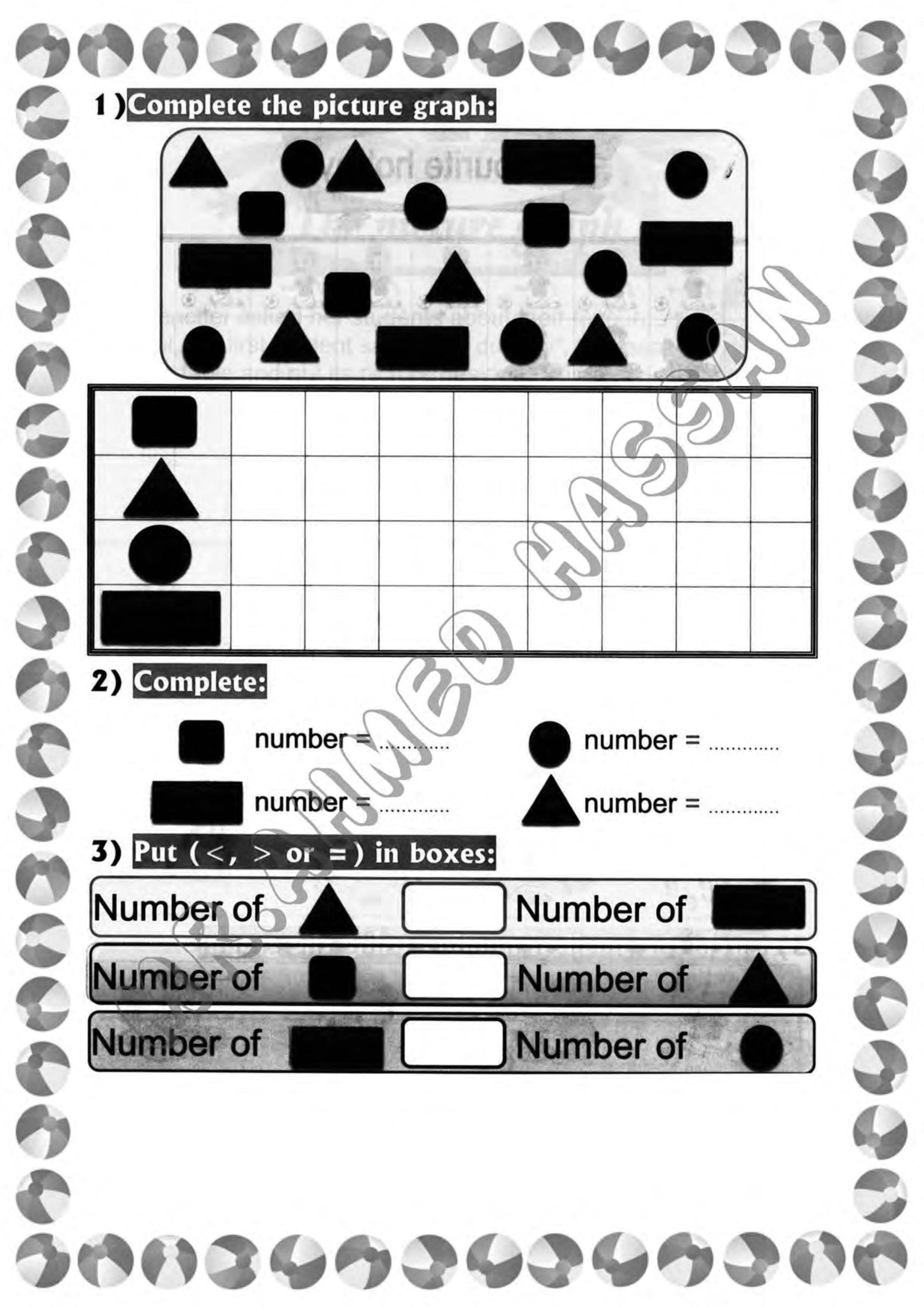
Which activity did most students do? ____________

How many students chose dancing? ____________

Which two activities did equal numbers of students choose? ____________________________

How many more students chose reading than dancing? ____________

How many students chose TV and sport altogether? ____________



1) Complete the picture graph:

2) Complete:

number = ... number = ...

number = ... number = ...

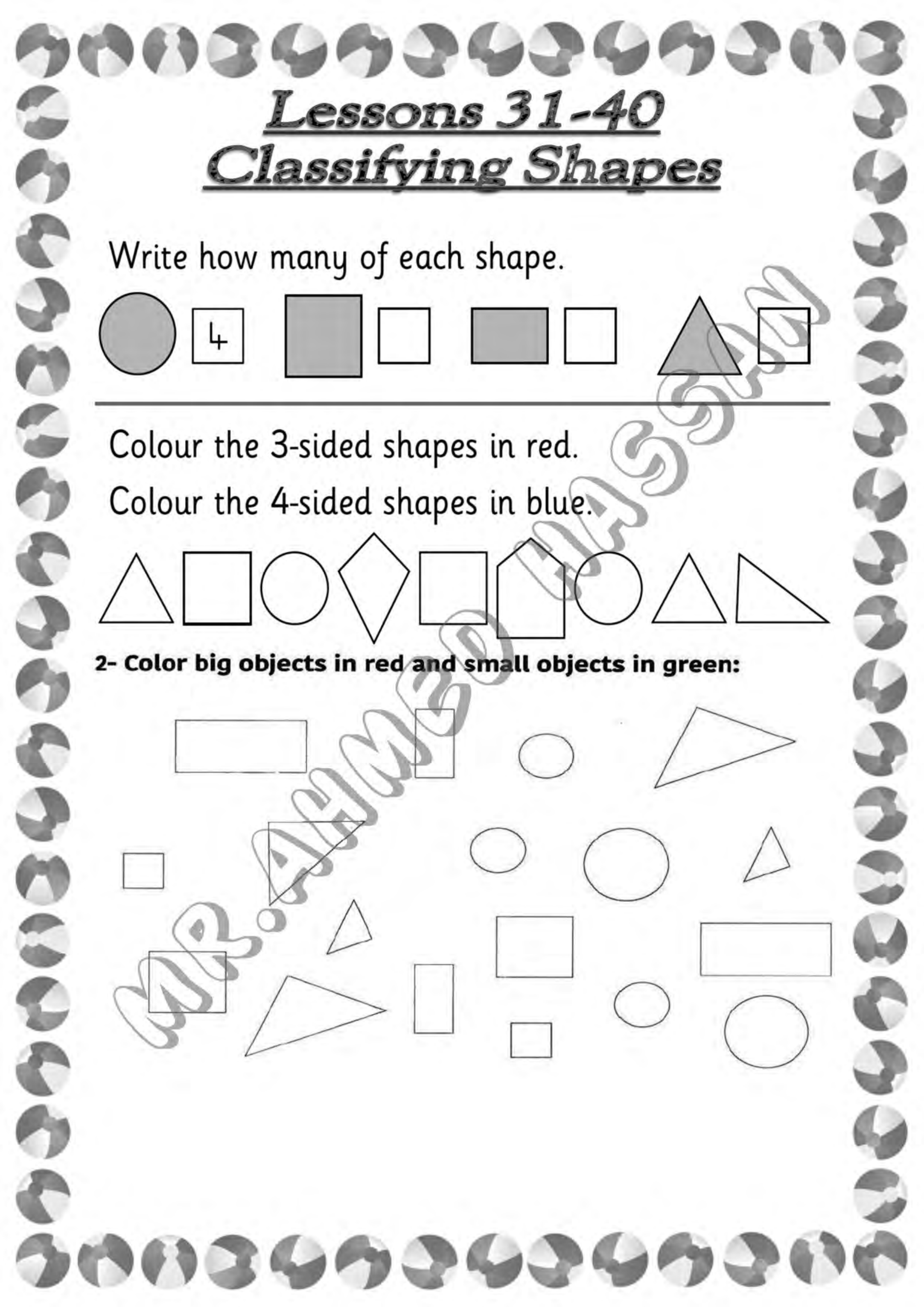
3) Put (<, > or =) in boxes:

Number of ☐ Number of

Number of ☐ Number of

Number of ☐ Number of

Lessons 31-40
Classifying Shapes



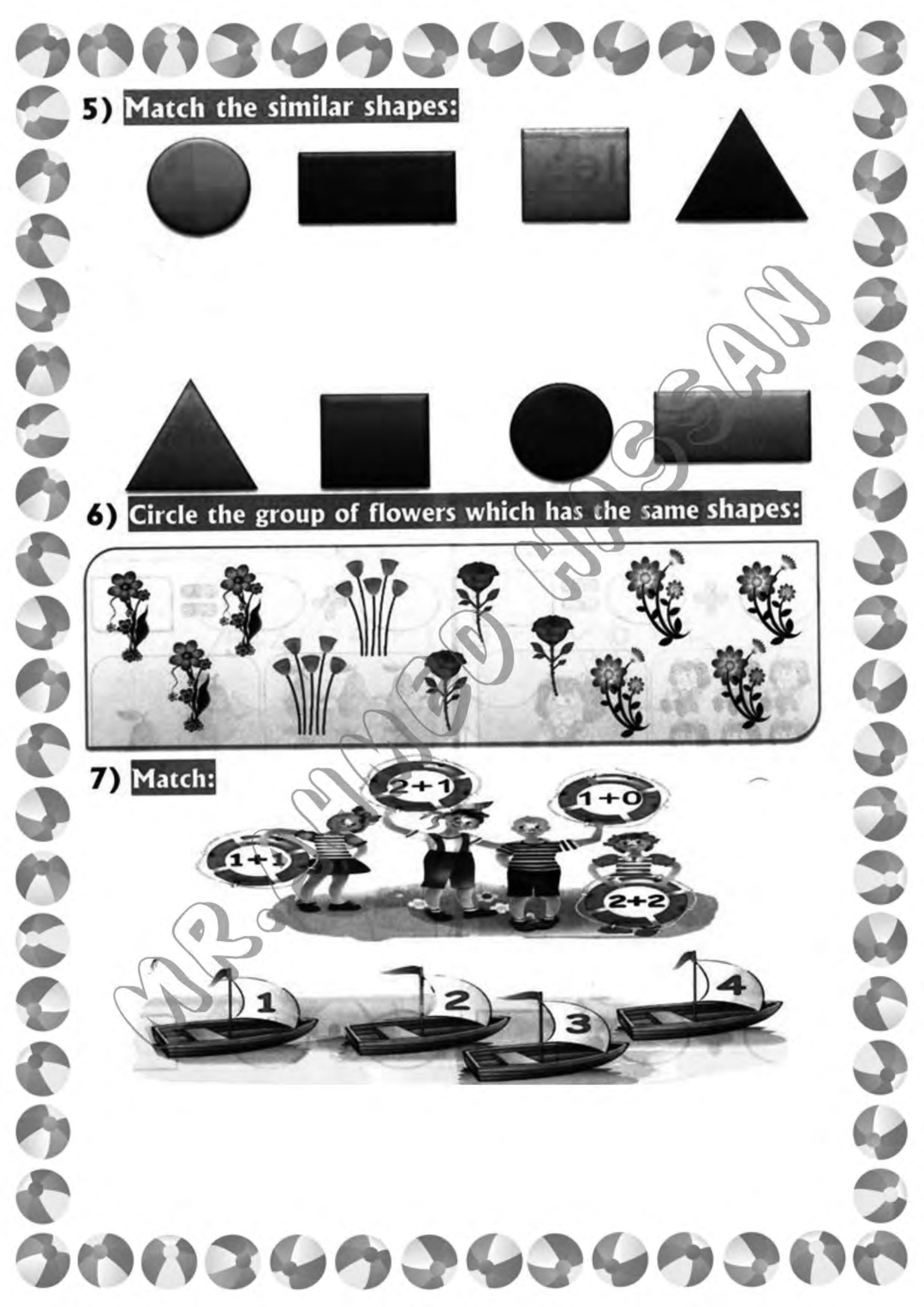
Write how many of each shape.

4

Colour the 3-sided shapes in red.

Colour the 4-sided shapes in blue.

2- Color big objects in red and small objects in green:



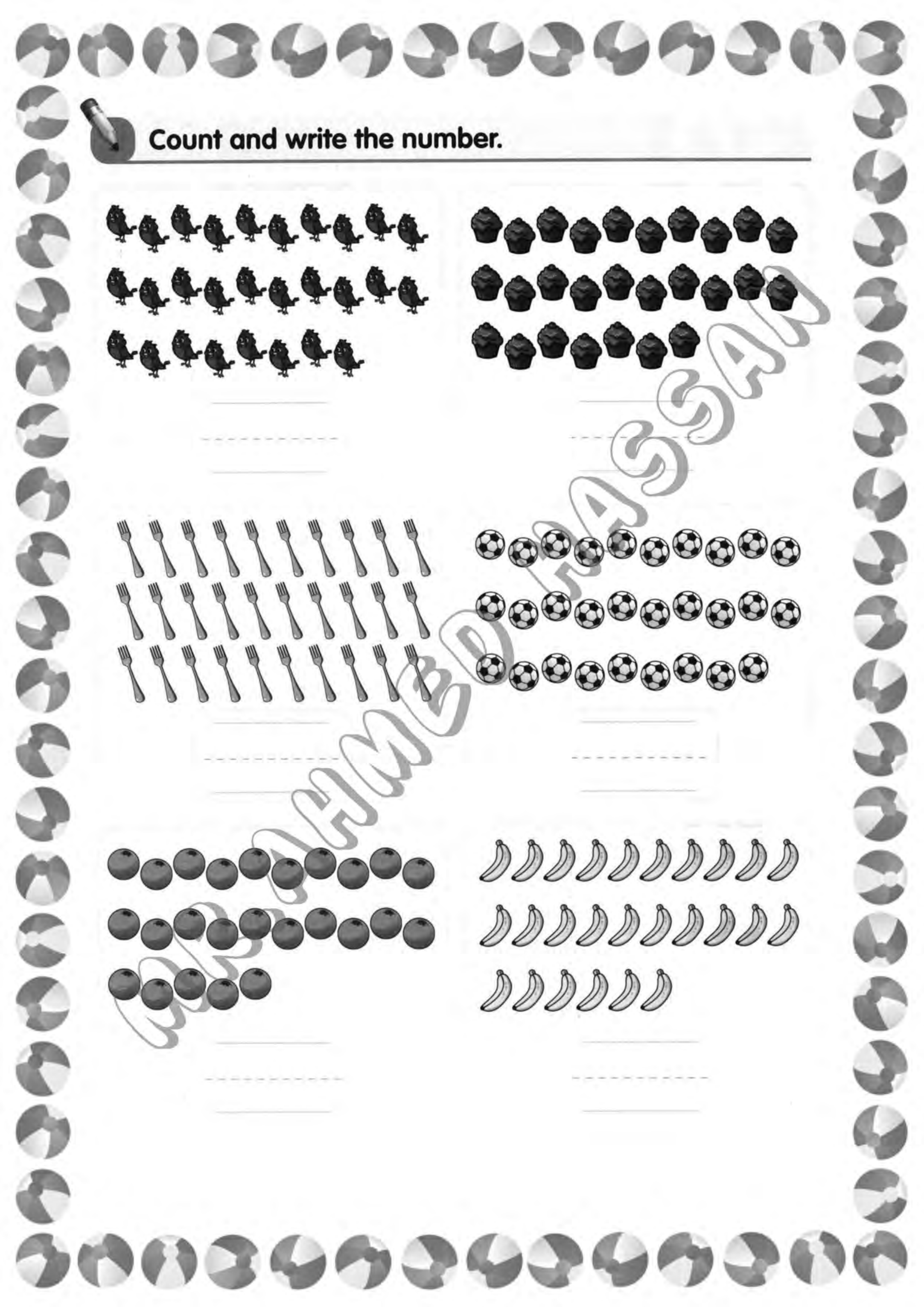
5) Match the similar shapes:

6) Circle the group of flowers which has the same shapes:

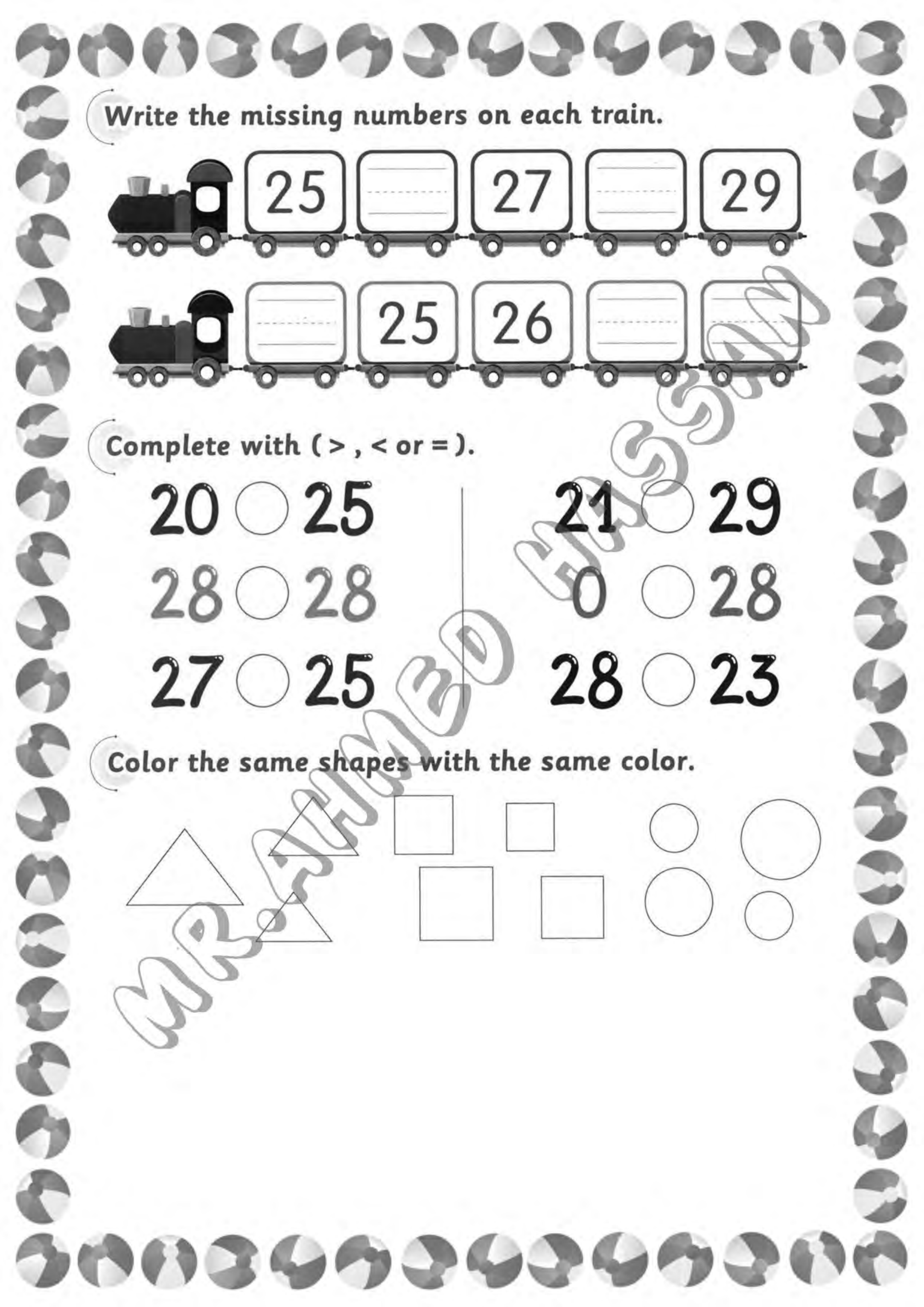
7) Match:

Numbers 21 - 30

Count and write the number.



Count and write the number.



Write the missing numbers on each train.

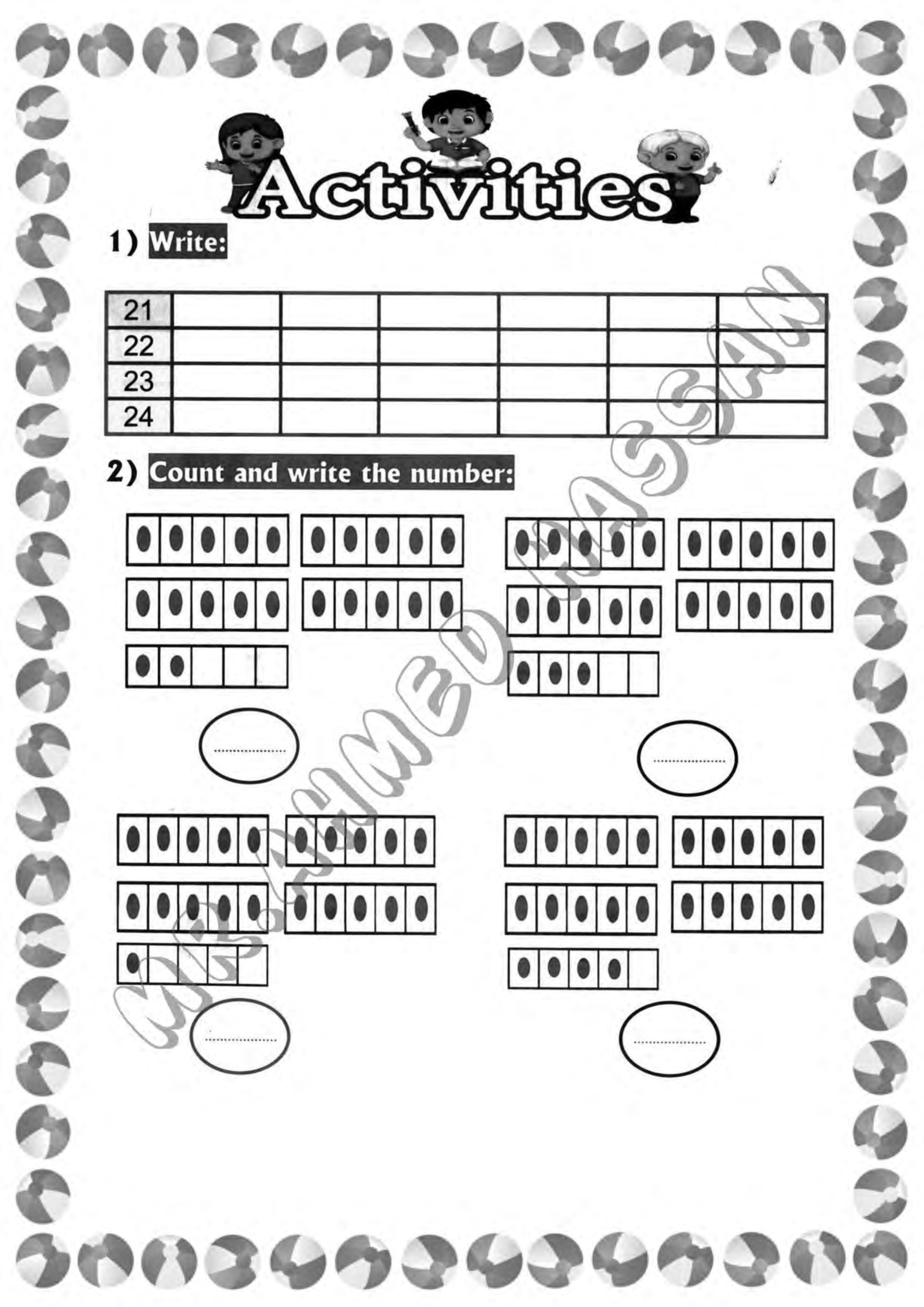
25 ___ 27 ___ 29

___ 25 26 ___ ___

Complete with (> , < or =).

20 ○ 25 | 21 ○ 29
28 ○ 28 | 0 ○ 28
27 ○ 25 | 28 ○ 23

Color the same shapes with the same color.



Activities

1) **Write:**

21						
22						
23						
24						

2) **Count and write the number:**

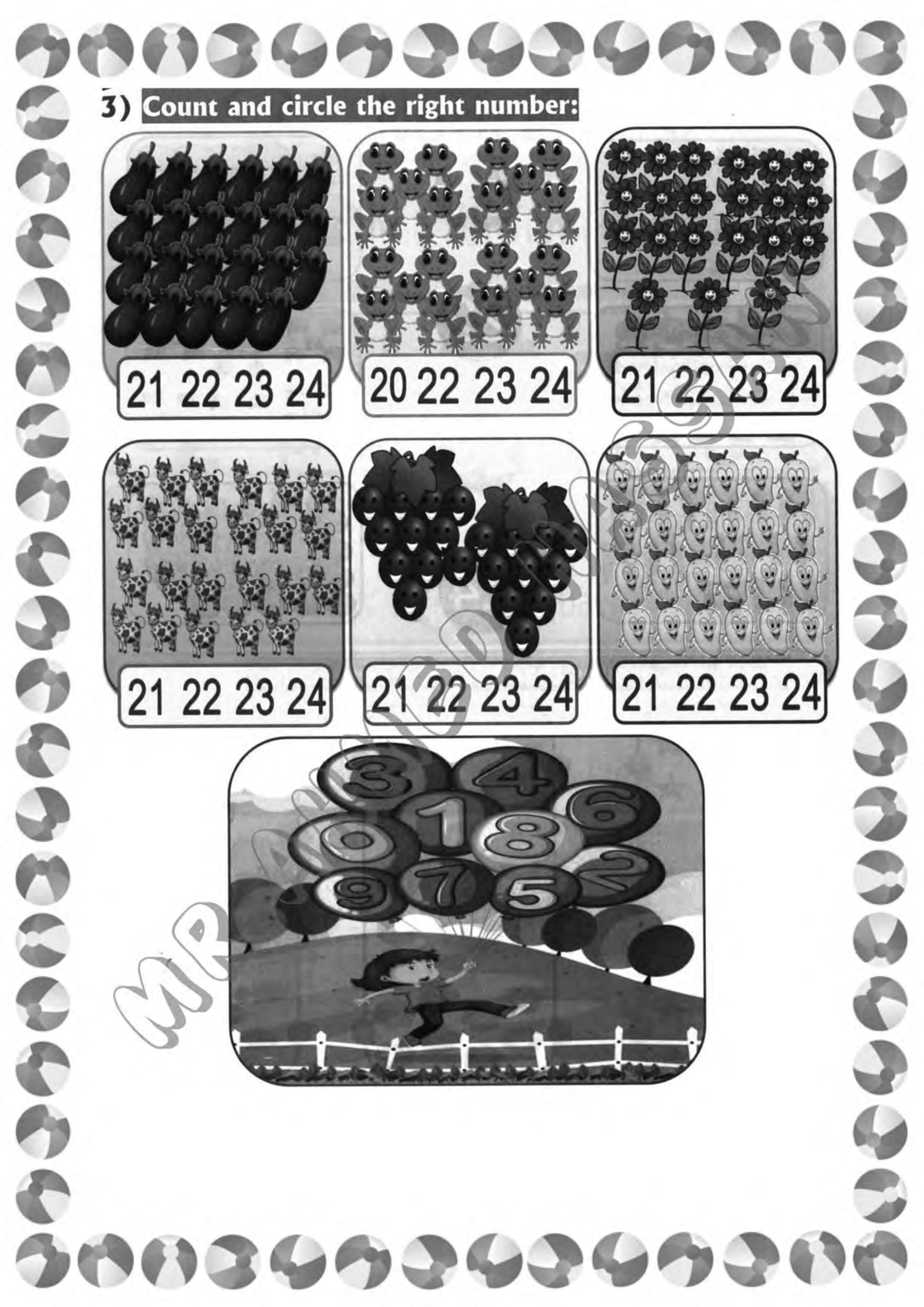
....

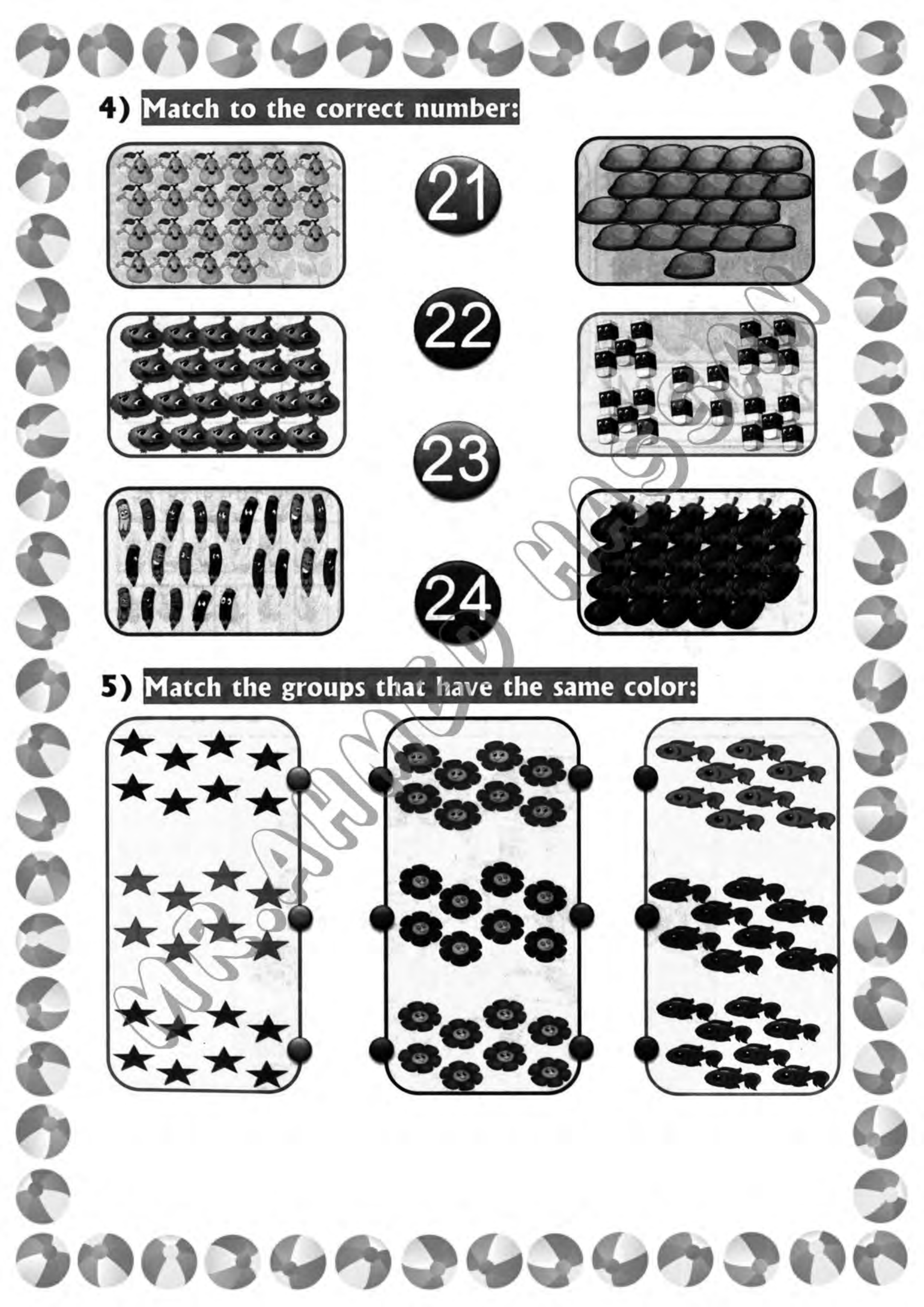
....

....

....

3) **Count and circle the right number:**





4) Match to the correct number:

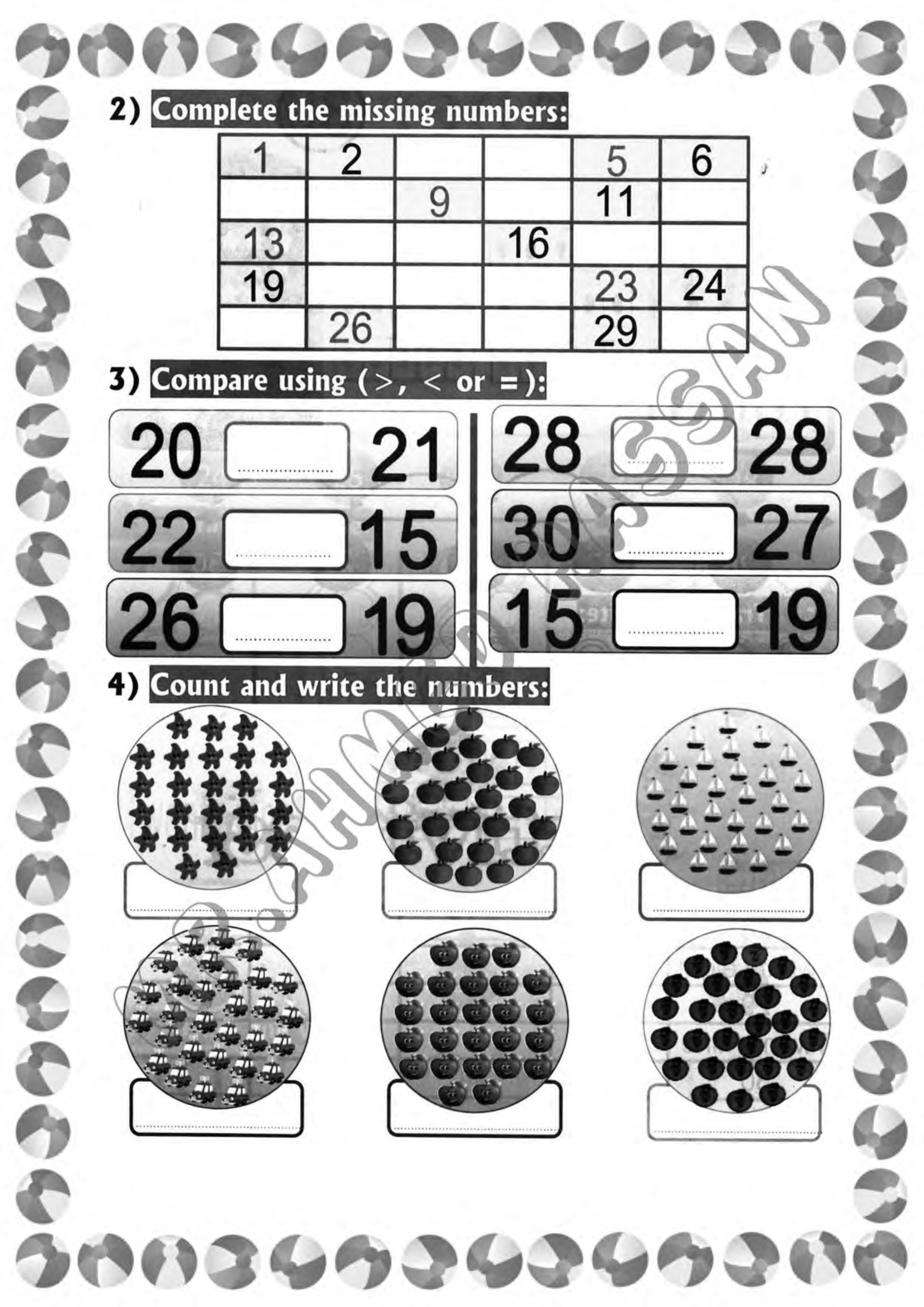
21

22

23

24

5) Match the groups that have the same color:



2) Complete the missing numbers:

1	2			5	6
		9		11	
13			16		
19				23	24
	26			29	

3) Compare using (>, < or =):

20 21

22 15

26 19

28 28

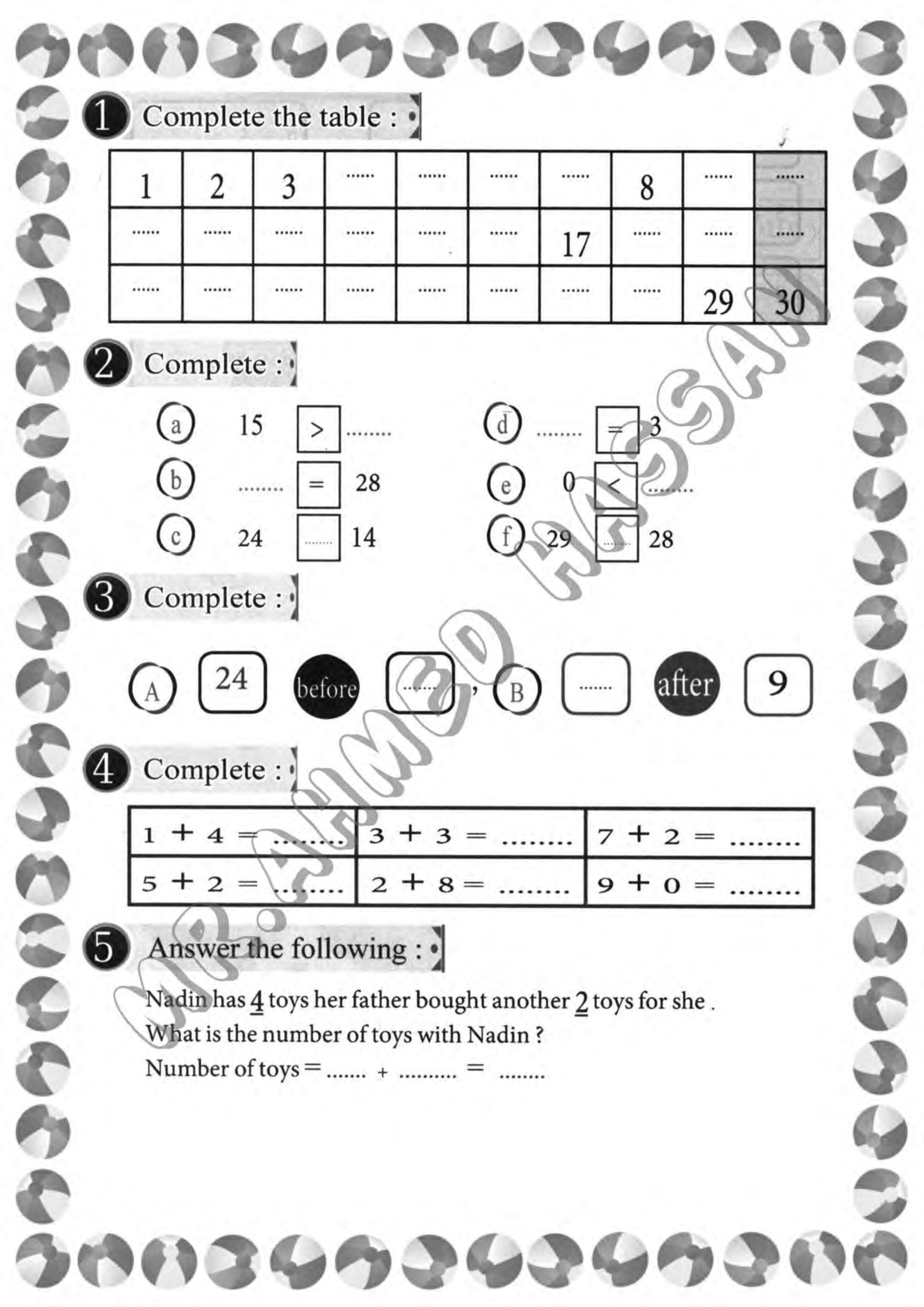
30 27

15 19

4) Count and write the numbers:

....

....



1 Complete the table :

1	2	3	......	......	......	......	8	......	......
......	......	......	......	......	......	17	......	......	......
......	......	......	......	......	......	......	......	29	30

2 Complete :

(a) 15 [>] ....

(b) .... [=] 28

(c) 24 [......] 14

(d) .... [=] 3

(e) 0 [<] ....

(f) 29 [......] 28

3 Complete :

(A) 24 before .... , (B) .... after 9

4 Complete :

1 + 4 = ...	3 + 3 = ...	7 + 2 = ...
5 + 2 = ...	2 + 8 = ...	9 + 0 = ...

5 Answer the following :

Nadin has 4 toys her father bought another 2 toys for she .

What is the number of toys with Nadin ?

Number of toys = ... + ... = ...

Adding within 10

Draw ● to find the sum for the problem.
Write the sum. The first one is done for you.

3 + 4 = 7

2 + 5 =

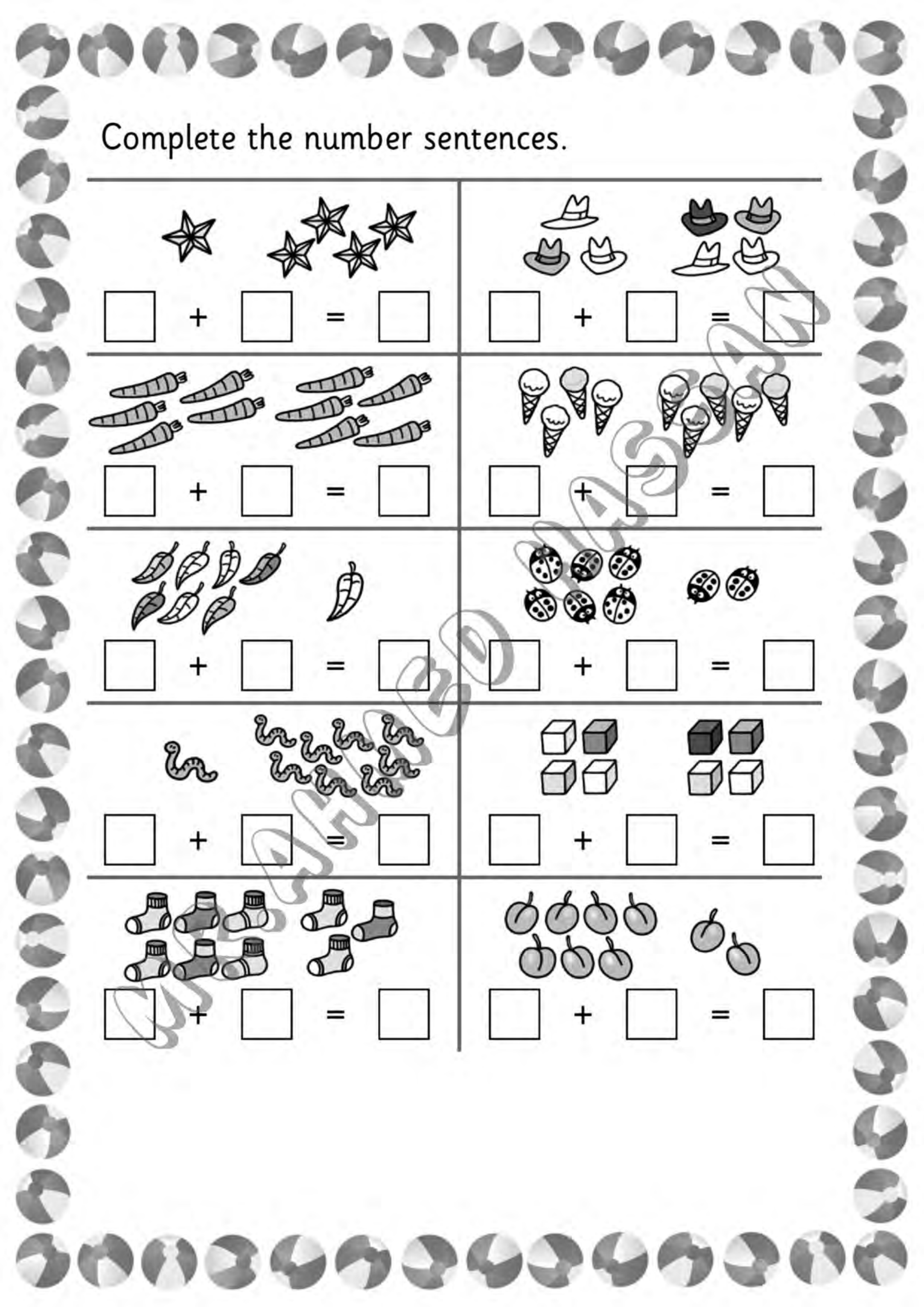
5 + 3 =

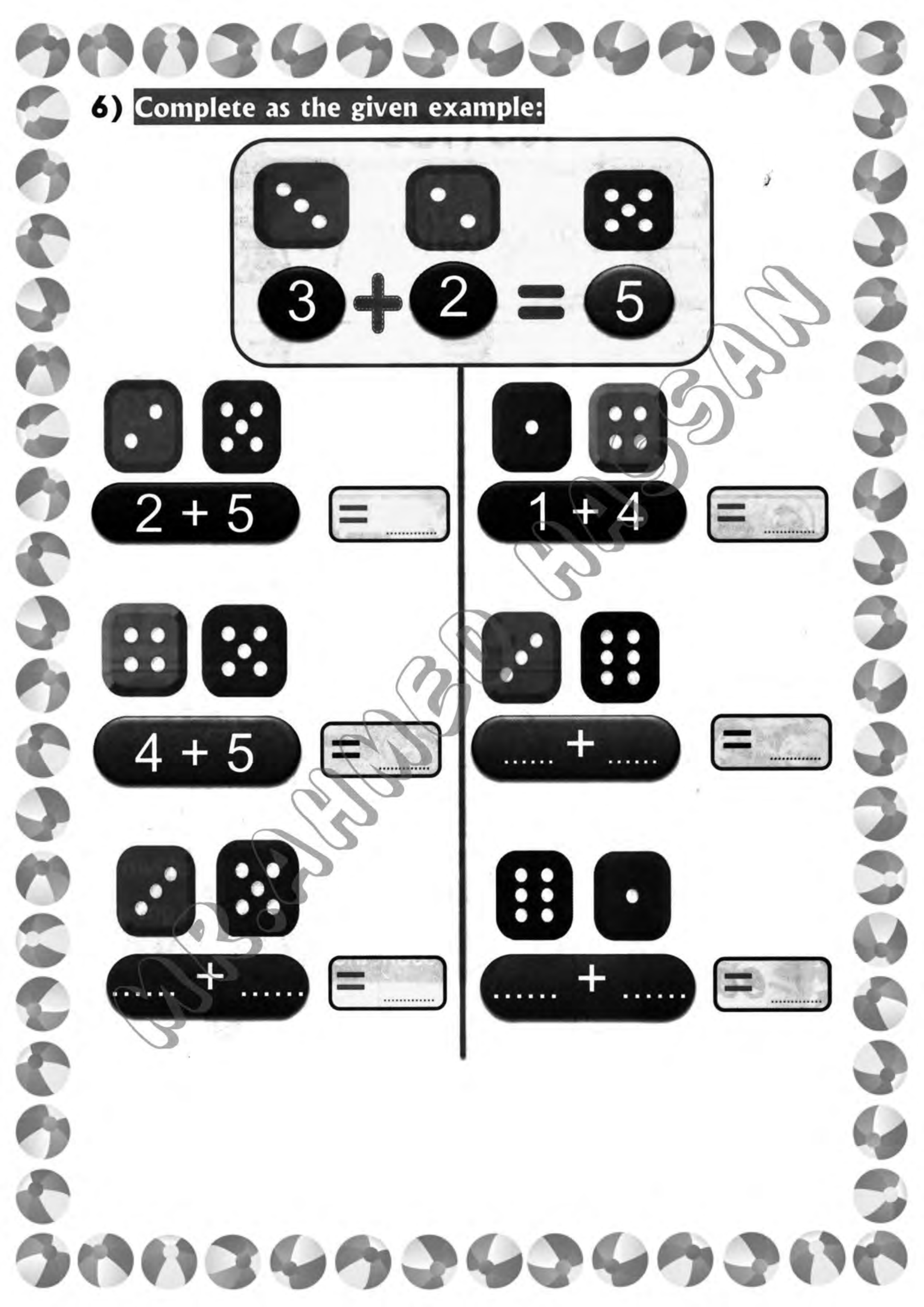
7 + 3 =

7 + 2 =

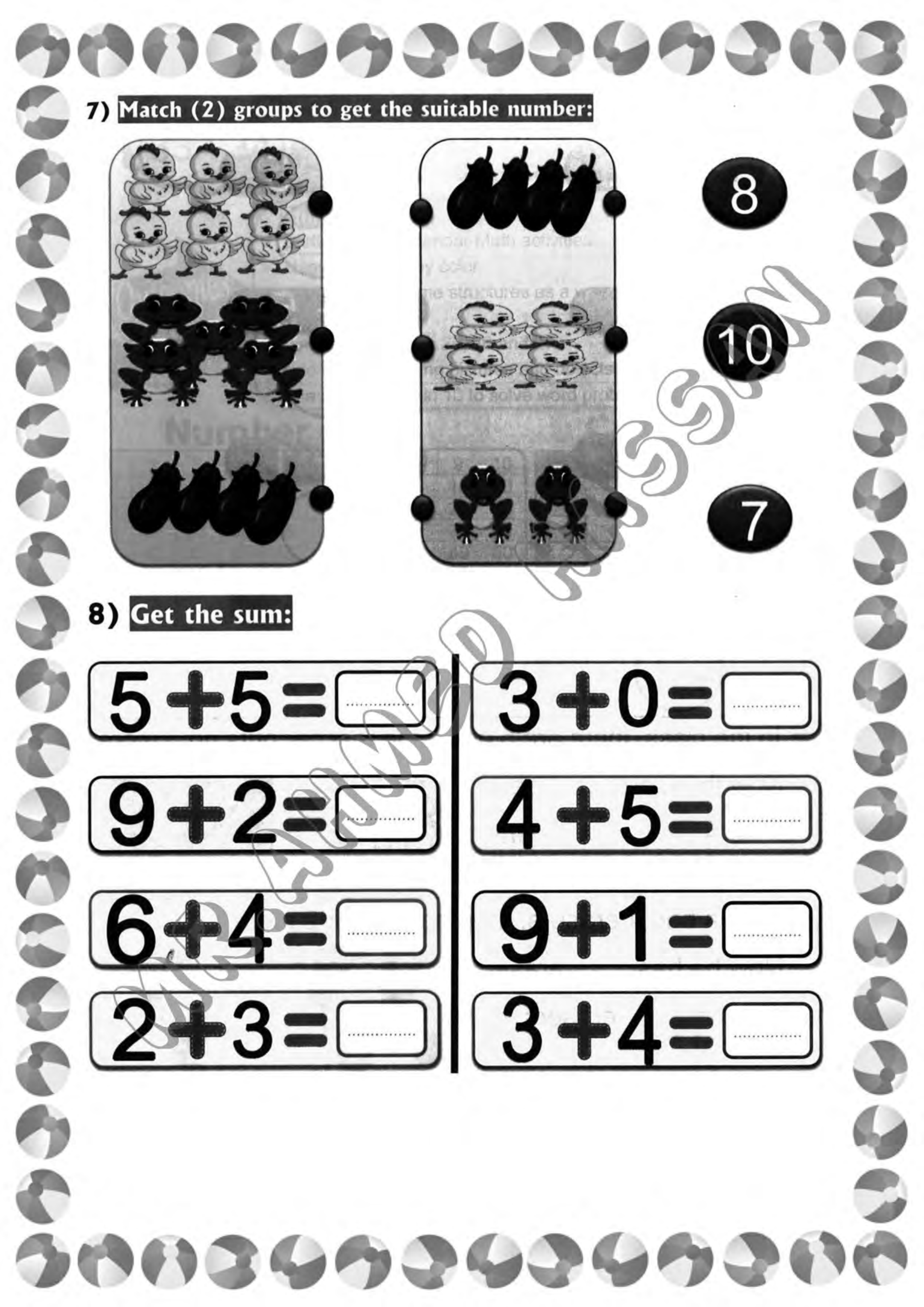
1 + 6 =

Complete the number sentences.





6) Complete as the given example:
3 + 2 = 5
2 + 5 = ...
1 + 4 = ...
4 + 5 = ...
...... + ... = ...
...... + ... = ...
...... + ... = ...



7) **Match (2) groups to get the suitable number:**

8) **Get the sum:**

5 + 5 = ...

9 + 2 = ...

6 + 4 = ...

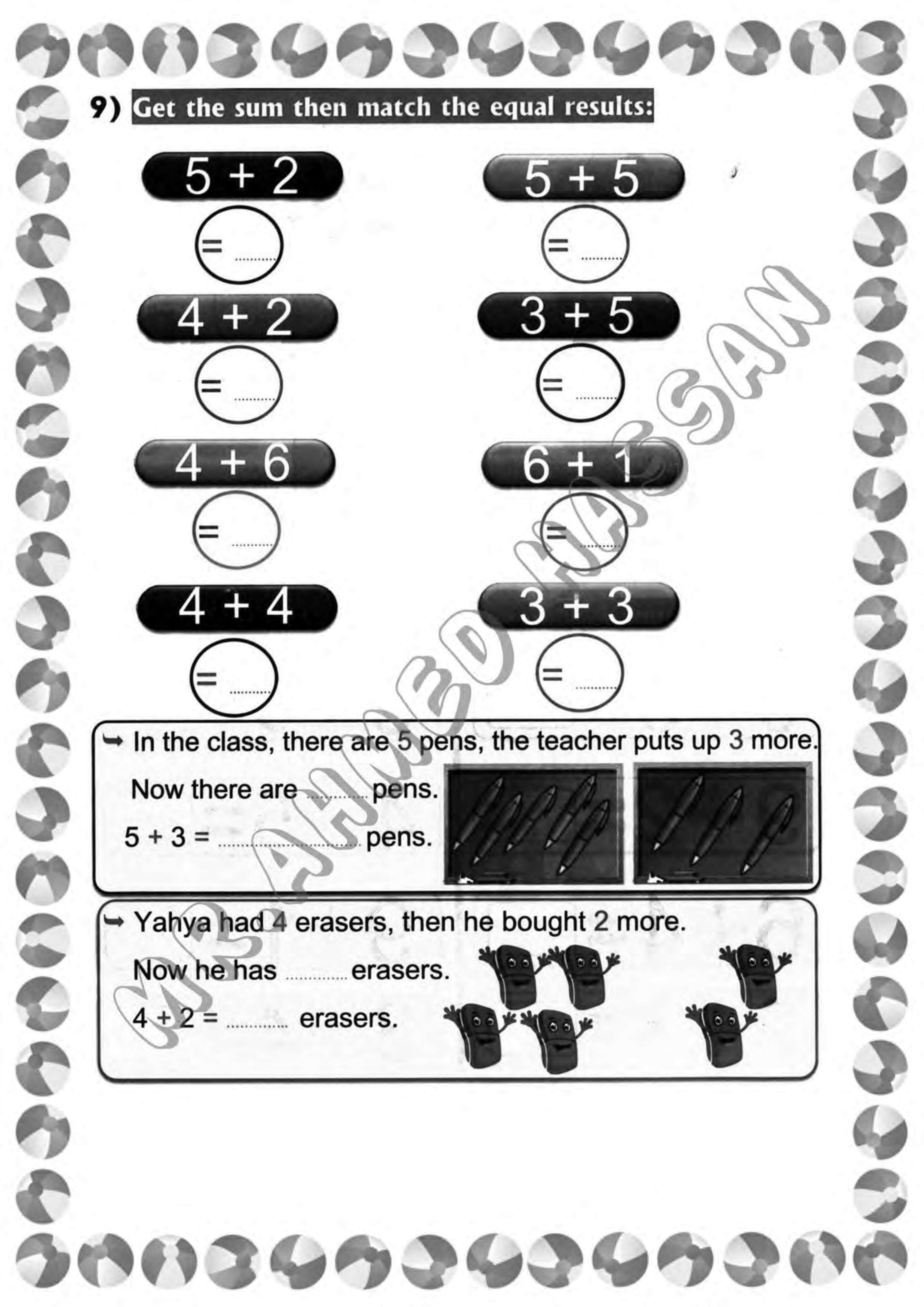
2 + 3 = ...

3 + 0 = ...

4 + 5 = ...

9 + 1 = ...

3 + 4 = ...



9) Get the sum then match the equal results:

5 + 2 = ...	5 + 5 = ...
4 + 2 = ...	3 + 5 = ...
4 + 6 = ...	6 + 1 = ...
4 + 4 = ...	3 + 3 = ...

➥ In the class, there are 5 pens, the teacher puts up 3 more.

Now there are .... pens.

5 + 3 = ... pens.

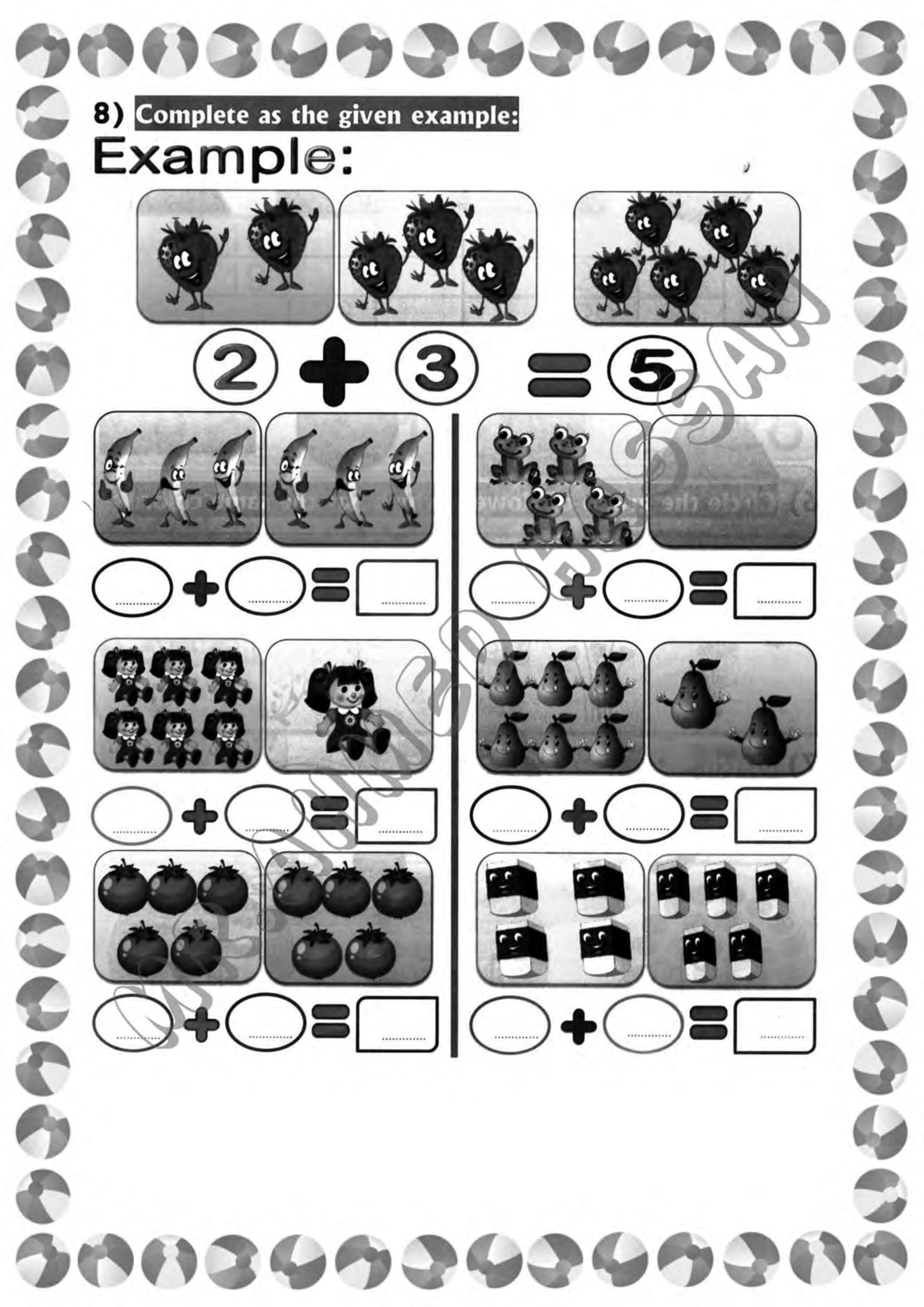
➥ Yahya had 4 erasers, then he bought 2 more.

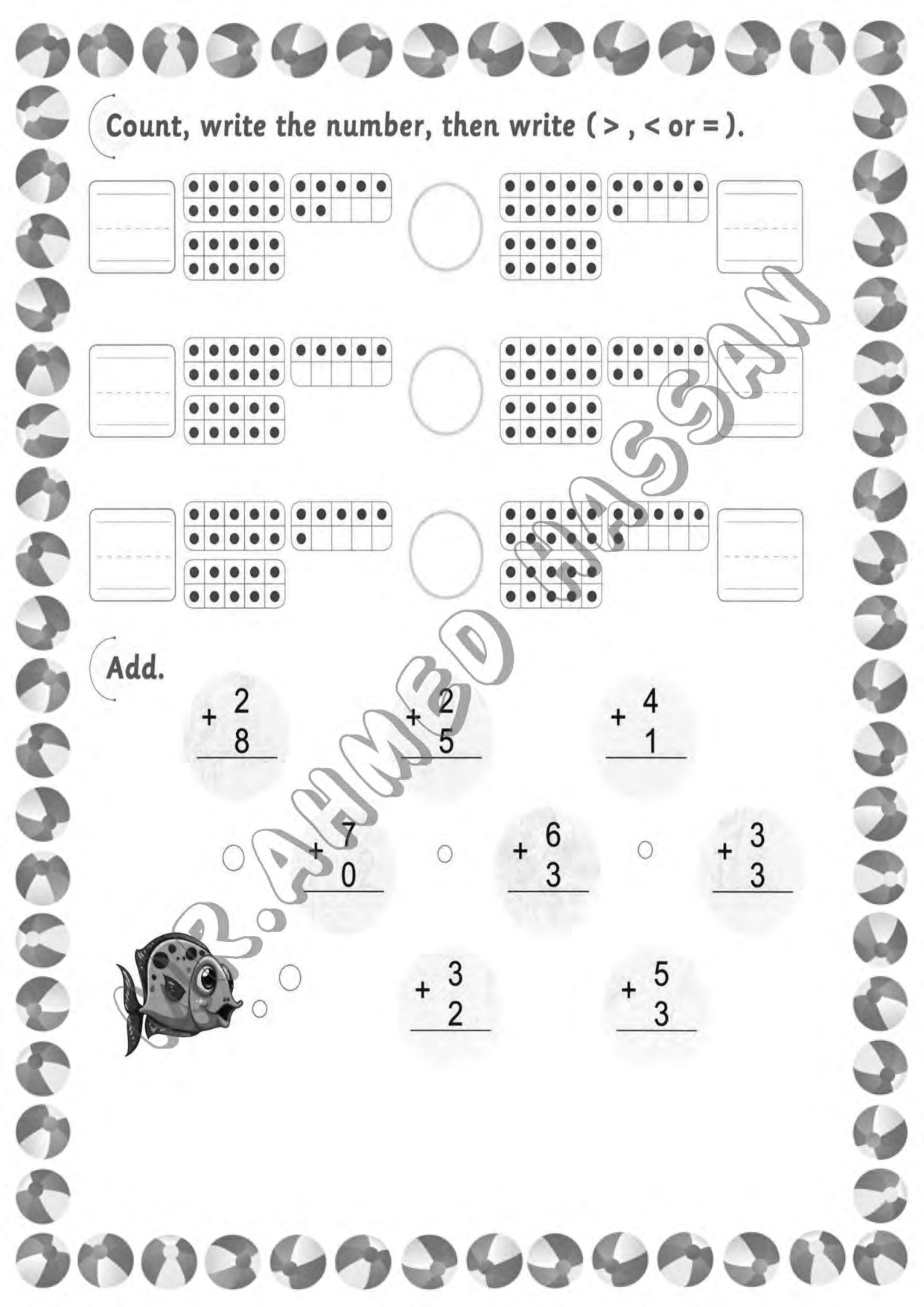
Now he has .... erasers.

4 + 2 = ... erasers.

8) **Complete as the given example:**

Example:





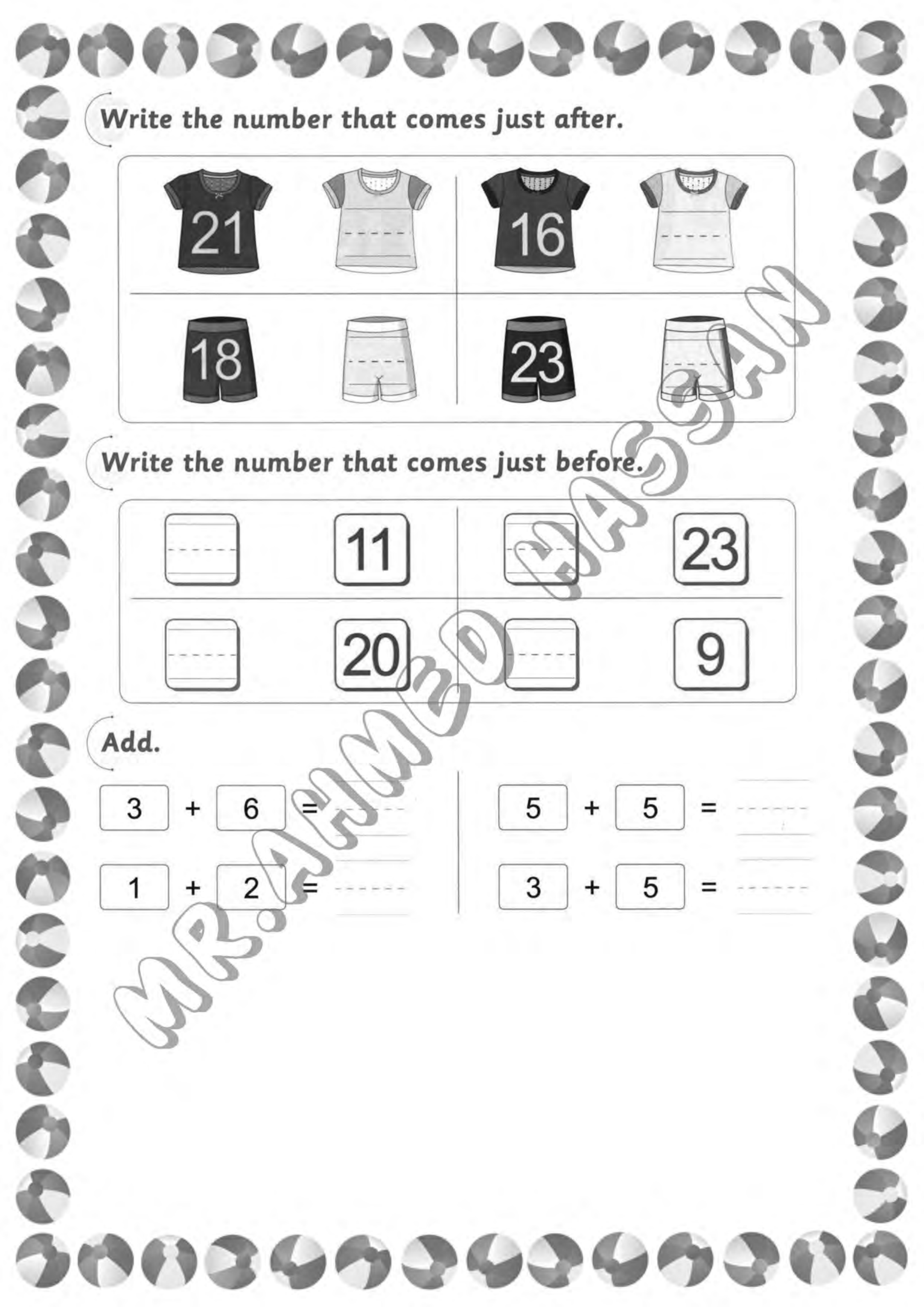
Count, write the number, then write (> , < or =).

Add.

$$\begin{array}{r} 2 \\ +\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\ 5 \\ \hline \end{array} \qquad \begin{array}{r} 4 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +\ 0 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ +\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\ 3 \\ \hline \end{array}$$



Write the number that comes just after.

Write the number that comes just before.

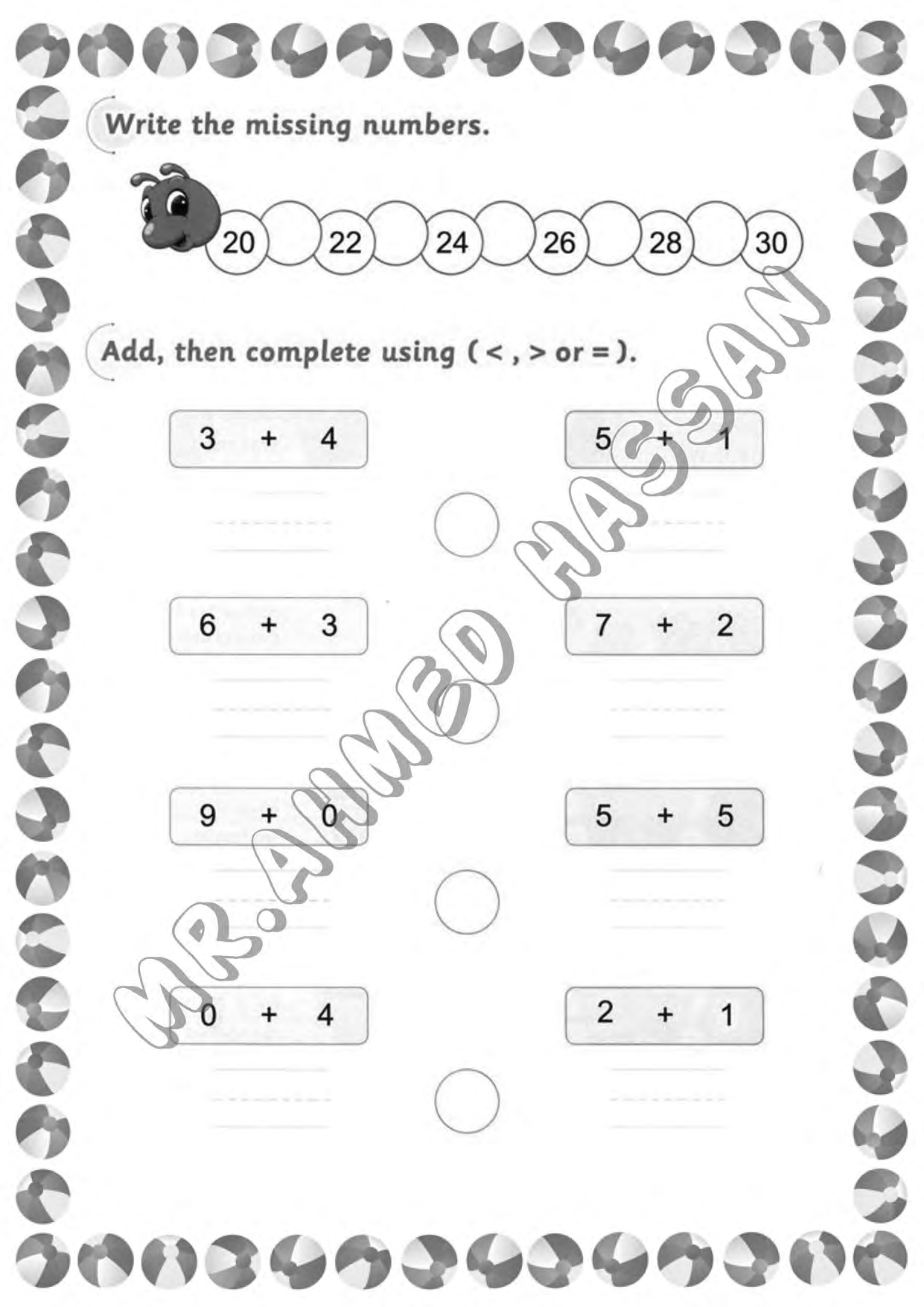
Add.

3 + 6 =

5 + 5 =

1 + 2 =

3 + 5 =

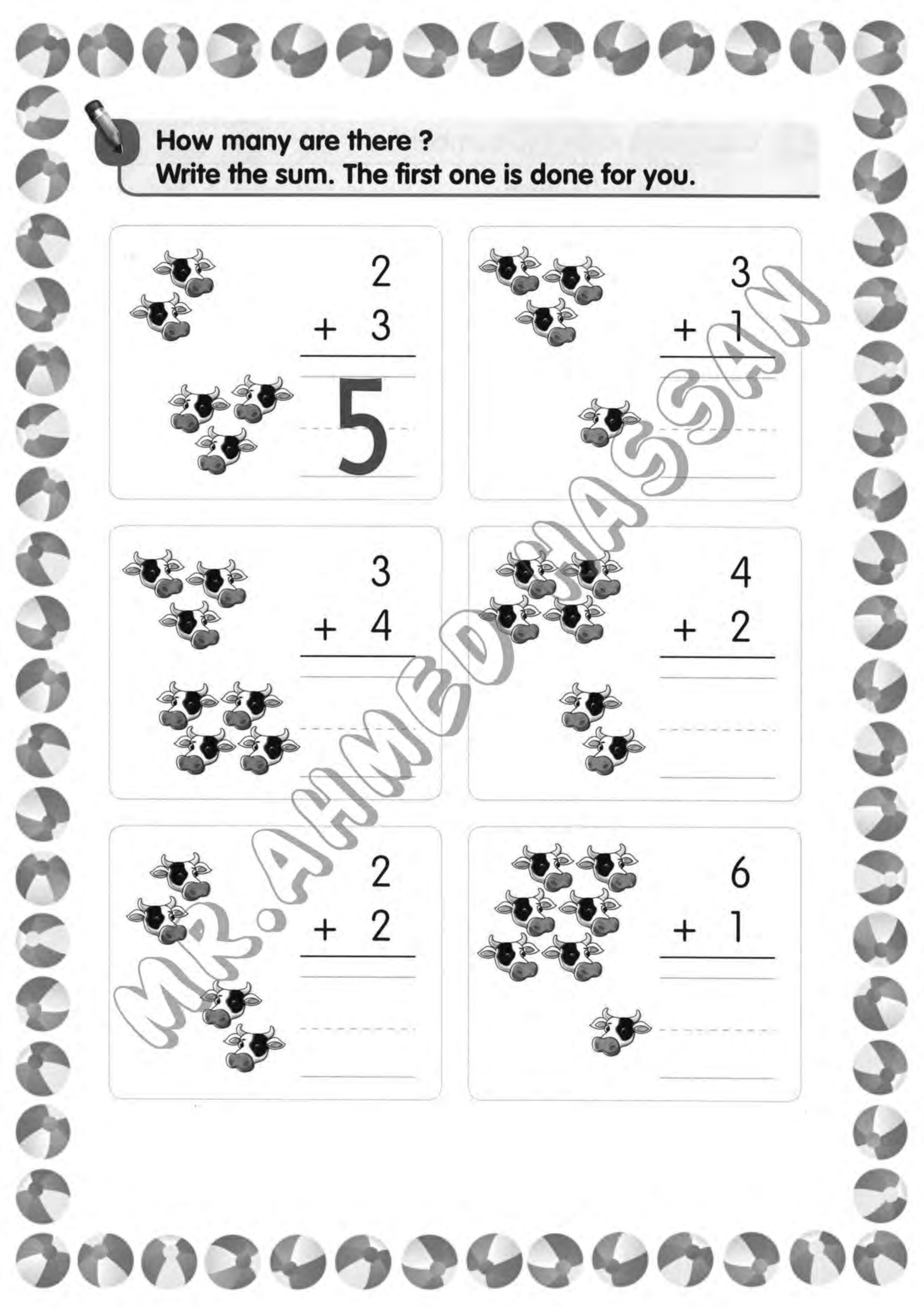


Write the missing numbers.

20, ___, 22, ___, 24, ___, 26, ___, 28, ___, 30

Add, then complete using (< , > or =).

3 + 4	○	5 + 1
6 + 3	○	7 + 2
9 + 0	○	5 + 5
0 + 4	○	2 + 1



How many are there ?
Write the sum. The first one is done for you.

$$\begin{array}{r} 2 \\ +\ 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\ 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\ 1 \\ \hline \end{array}$$

1 Notice and complete as the example :

5 + 3 = 8	→	8 - 5 = ...
5 + 9 = ...	→	14 - 5 = ...
5 + 10 = ...	→	15 - 5 = ...

2 Find the result of the following :

$$\begin{array}{r} 0 \\ +6 \\ \hline \ldots \end{array} \quad \begin{array}{r} 10 \\ -10 \\ \hline \ldots \end{array} \quad \begin{array}{r} 7 \\ +1 \\ \hline \ldots \end{array} \quad \begin{array}{r} 1 \\ -0 \\ \hline \ldots \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline \ldots \end{array} \quad \begin{array}{r} 1 \\ +9 \\ \hline \ldots \end{array}$$

3 Choose the correct answer :

(a) The number that comes just after 39 is .... (40 , 38 , 37)

(b) The number .... is comes just after 20 (19 , 22 , 21)

(c) The number .... is comes just before 38 (39 , 37 , 40)

(d) The number that comes just before 35 is .... (34 , 36 , 37)

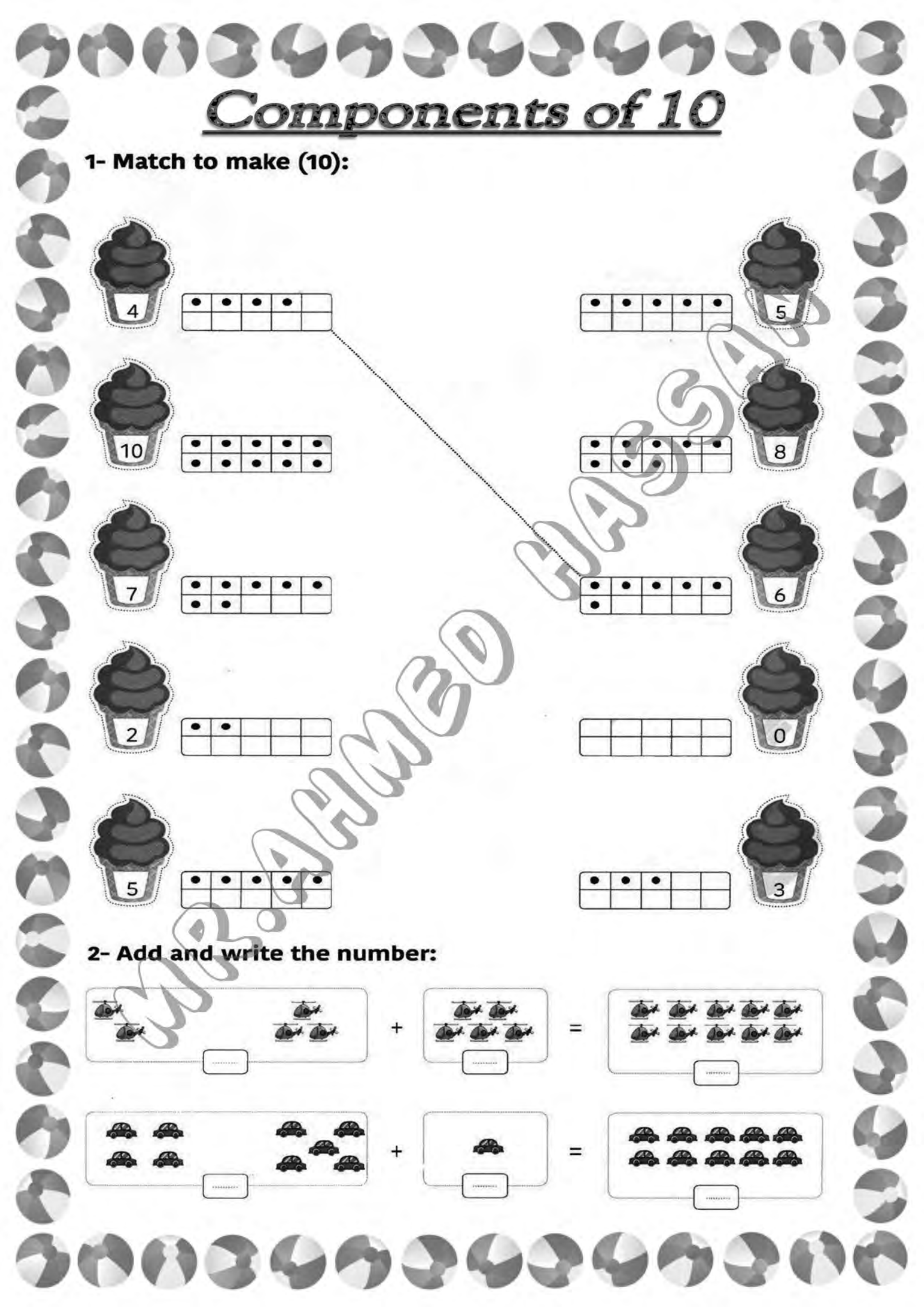
4 Complete the table :

Yesterday	Friday	Thursday	....	....	Wednesday
Today	Saturday	....	Sunday	....	....
Tomorrow	Sunday	....	....	Tuesday	....

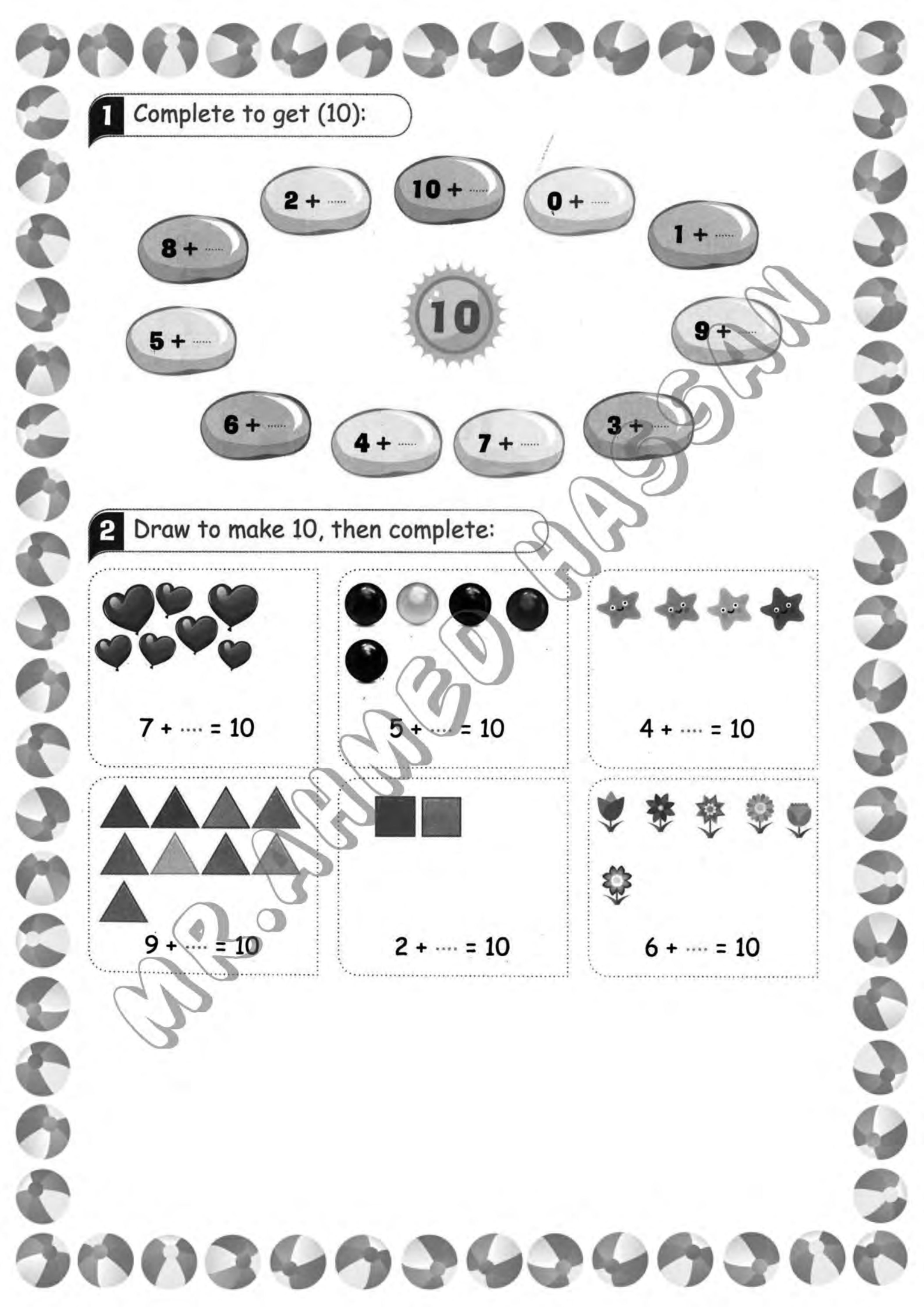
5 Answer the following :

Retal has 10 pens , she gave 3 pens to Bassem . How many pens are remained ?

The remainder = ... – .... = ... pens

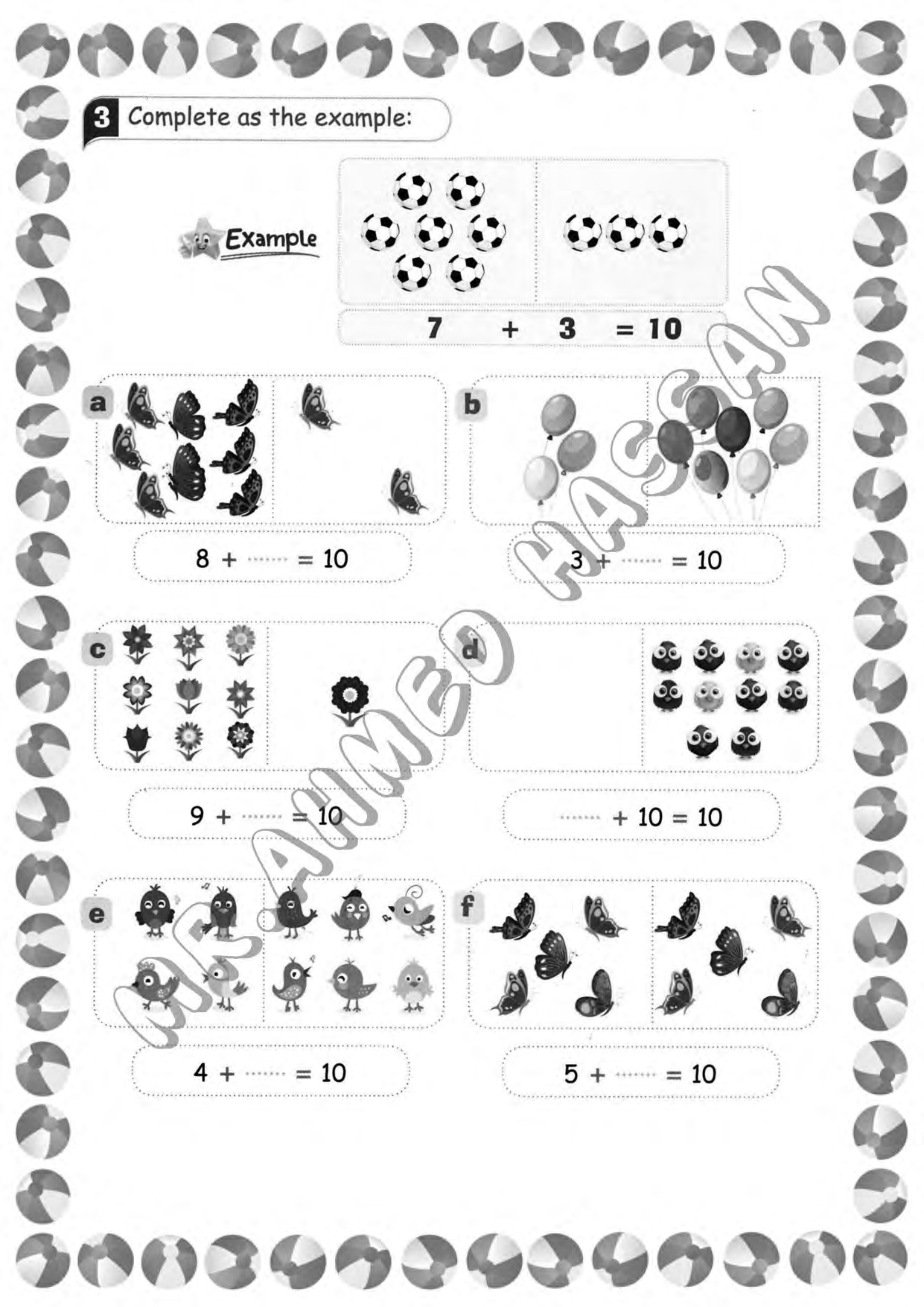


Components of 10
1- Match to make (10):
4
10
7
2
5
5
8
6
0
3
2- Add and write the number:
+
=
+
=



1 Complete to get (10):

2 Draw to make 10, then complete:



3 Complete as the example:

Example

7 + 3 = 10

a

8 + ... = 10

b

3 + ... = 10

c

9 + ... = 10

d

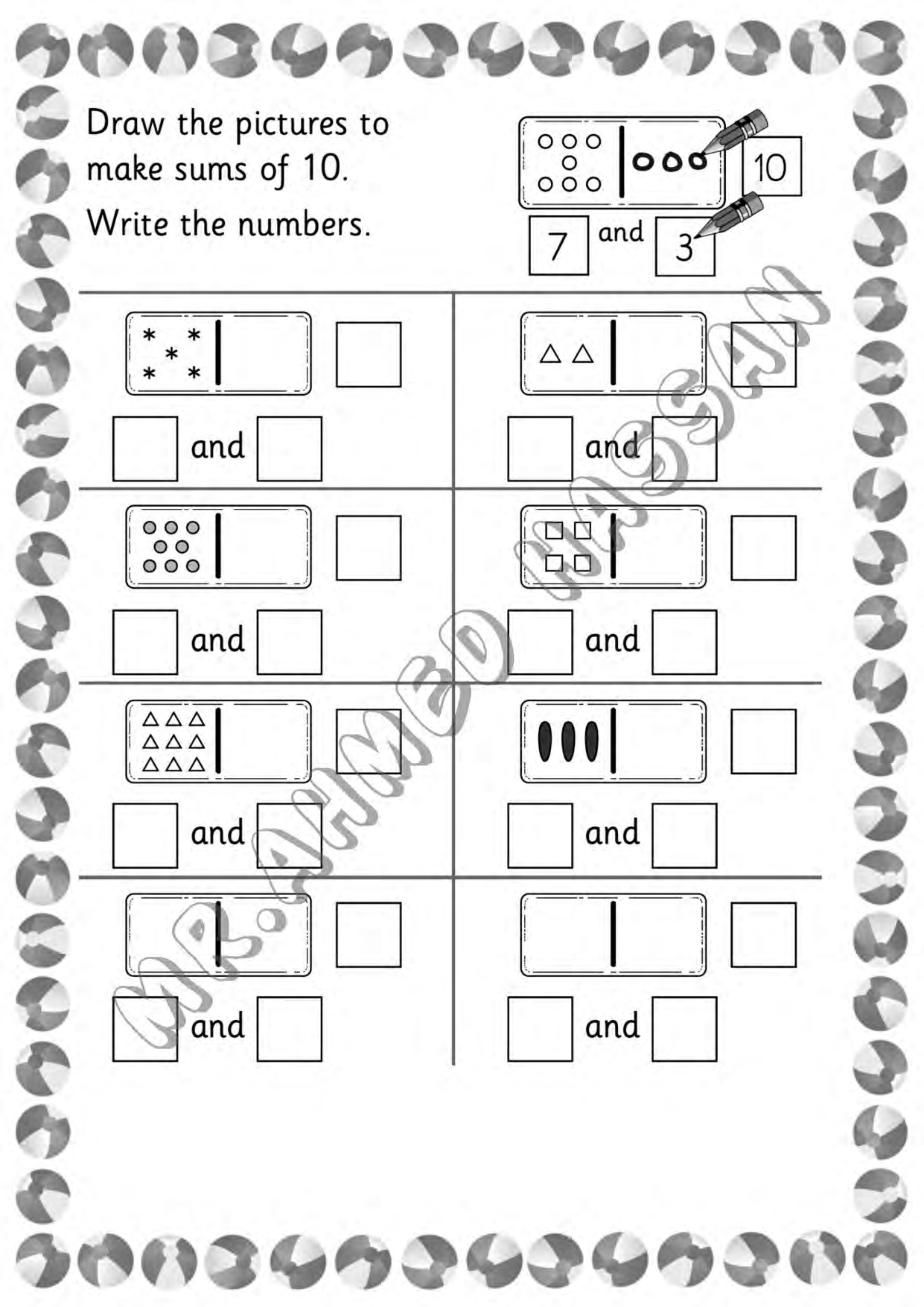
...... + 10 = 10

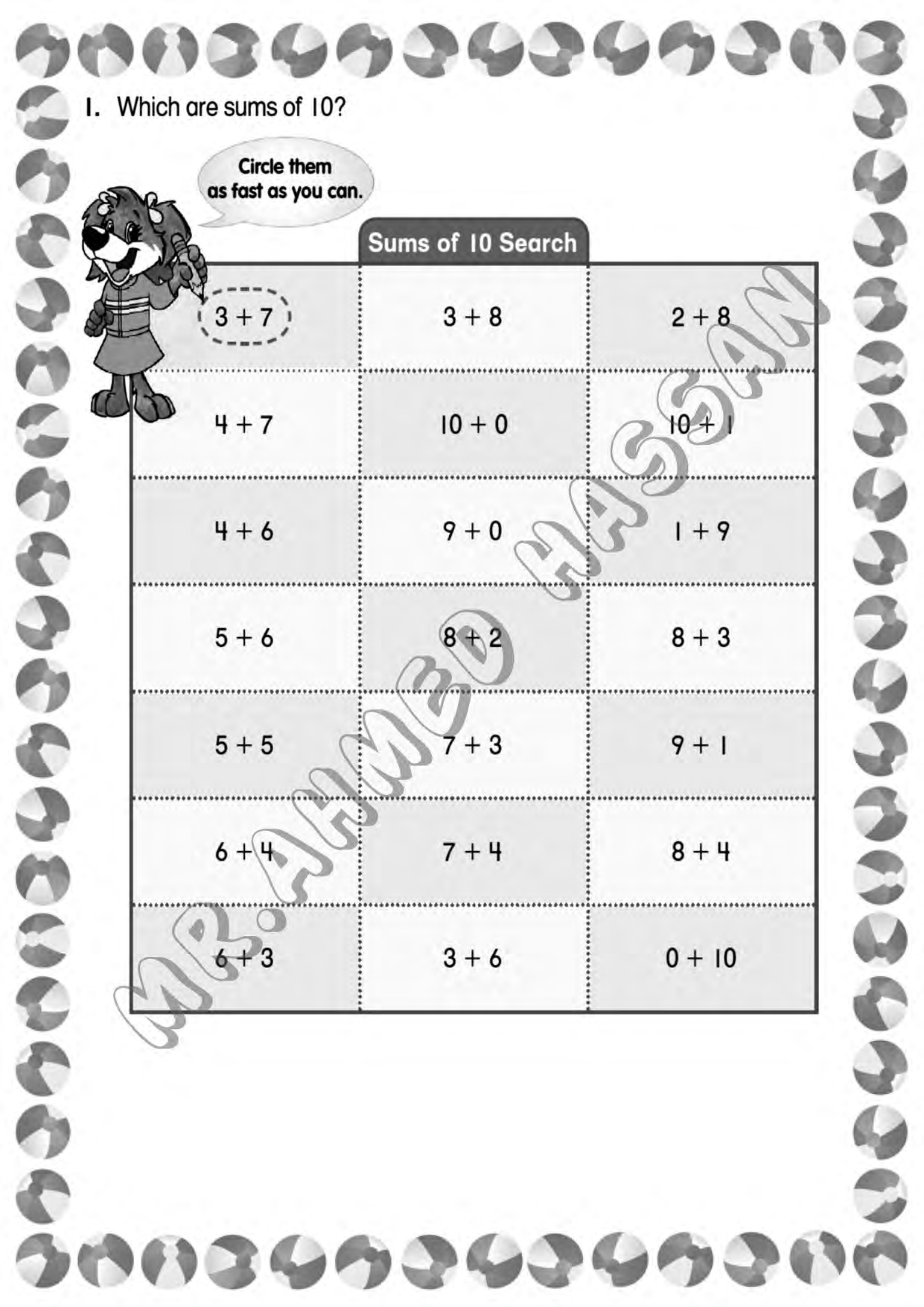
e

4 + ... = 10

f

5 + ... = 10

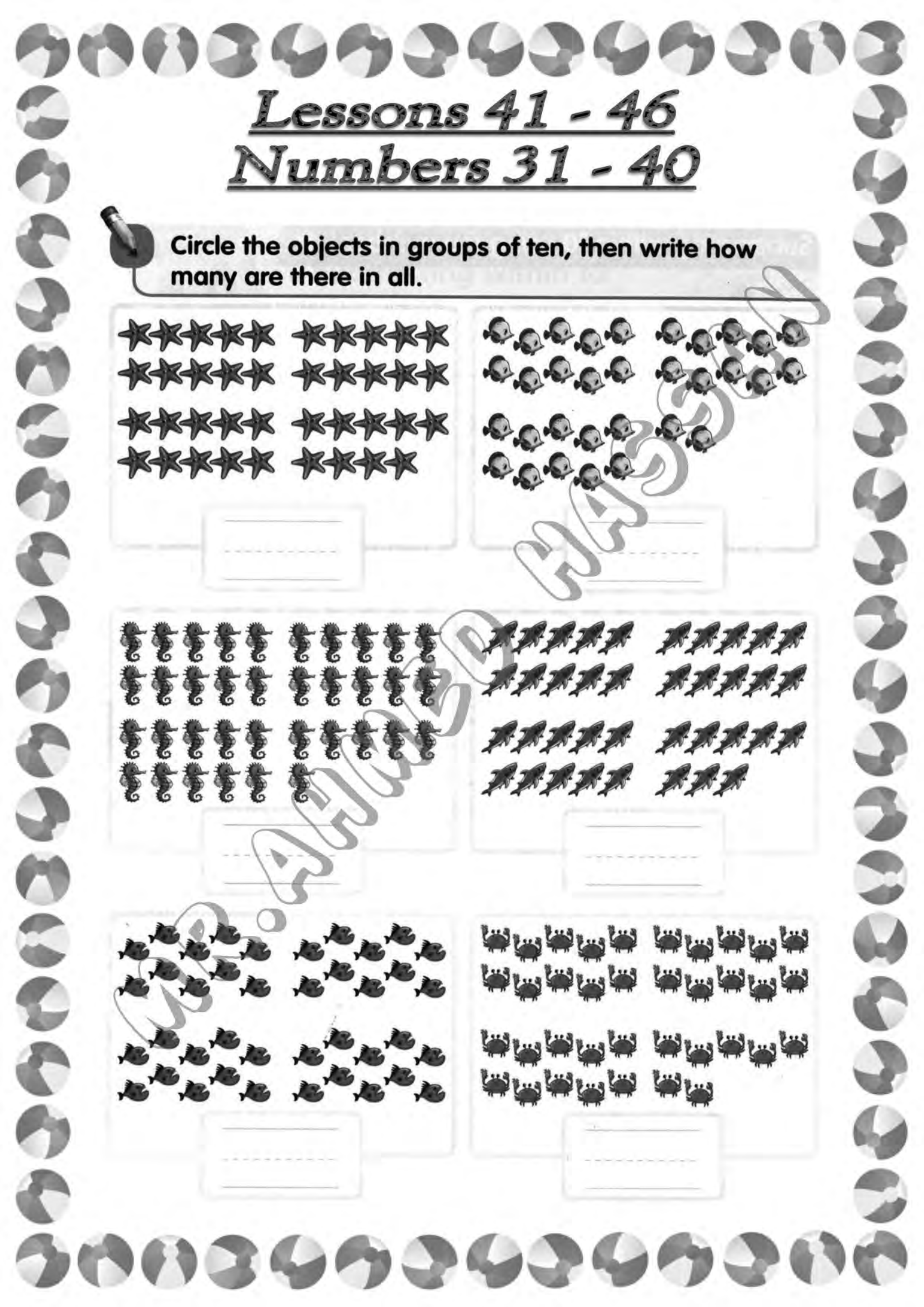

Draw the pictures to make sums of 10.
Write the numbers.
10
7
and
3
and
and
and
and
and
and
and
and



1. Which are sums of 10?

Sums of 10 Search

3 + 7	3 + 8	2 + 8
4 + 7	10 + 0	10 + 1
4 + 6	9 + 0	1 + 9
5 + 6	8 + 2	8 + 3
5 + 5	7 + 3	9 + 1
6 + 4	7 + 4	8 + 4
6 + 3	3 + 6	0 + 10



Lessons 41 - 46
Numbers 31 - 40

Circle the objects in groups of ten, then write how many are there in all.

Subtracting within 10

1- Subtract:



7 – 3 = 4



8 – 2 = ...



10 – 5 = ...



6 – 4 = ...

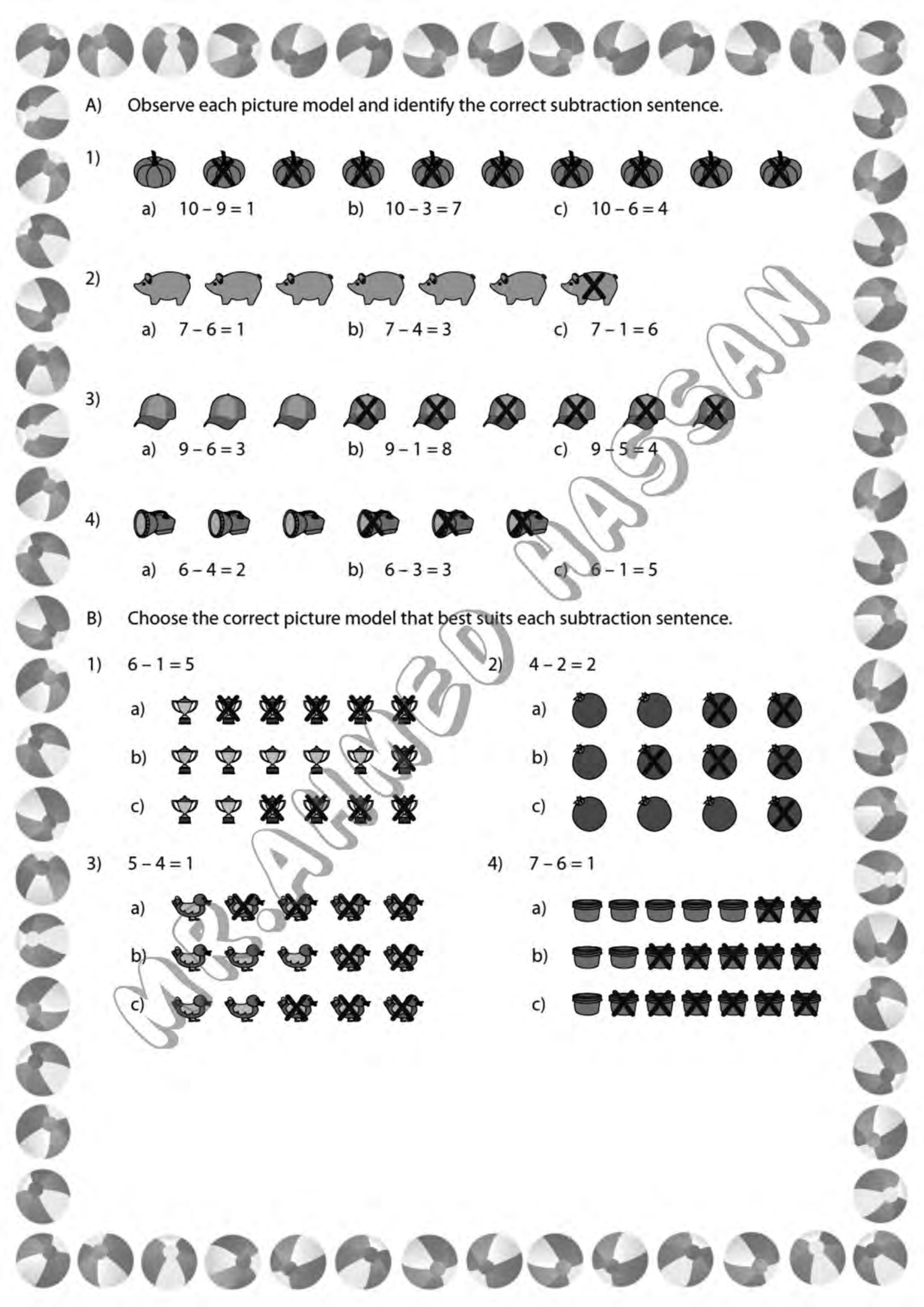
2- Subtract and match:

6 - 5 = 1

4 - 2 = ...

9 - 3 = ...

8 - 4 = ...



A) Observe each picture model and identify the correct subtraction sentence.

1)

a) 10 – 9 = 1 b) 10 – 3 = 7 c) 10 – 6 = 4

2)

a) 7 – 6 = 1 b) 7 – 4 = 3 c) 7 – 1 = 6

3)

a) 9 – 6 = 3 b) 9 – 1 = 8 c) 9 – 5 = 4

4)

a) 6 – 4 = 2 b) 6 – 3 = 3 c) 6 – 1 = 5

B) Choose the correct picture model that best suits each subtraction sentence.

1) 6 – 1 = 5

a)

b)

c)

2) 4 – 2 = 2

a)

b)

c)

3) 5 – 4 = 1

a)

b)

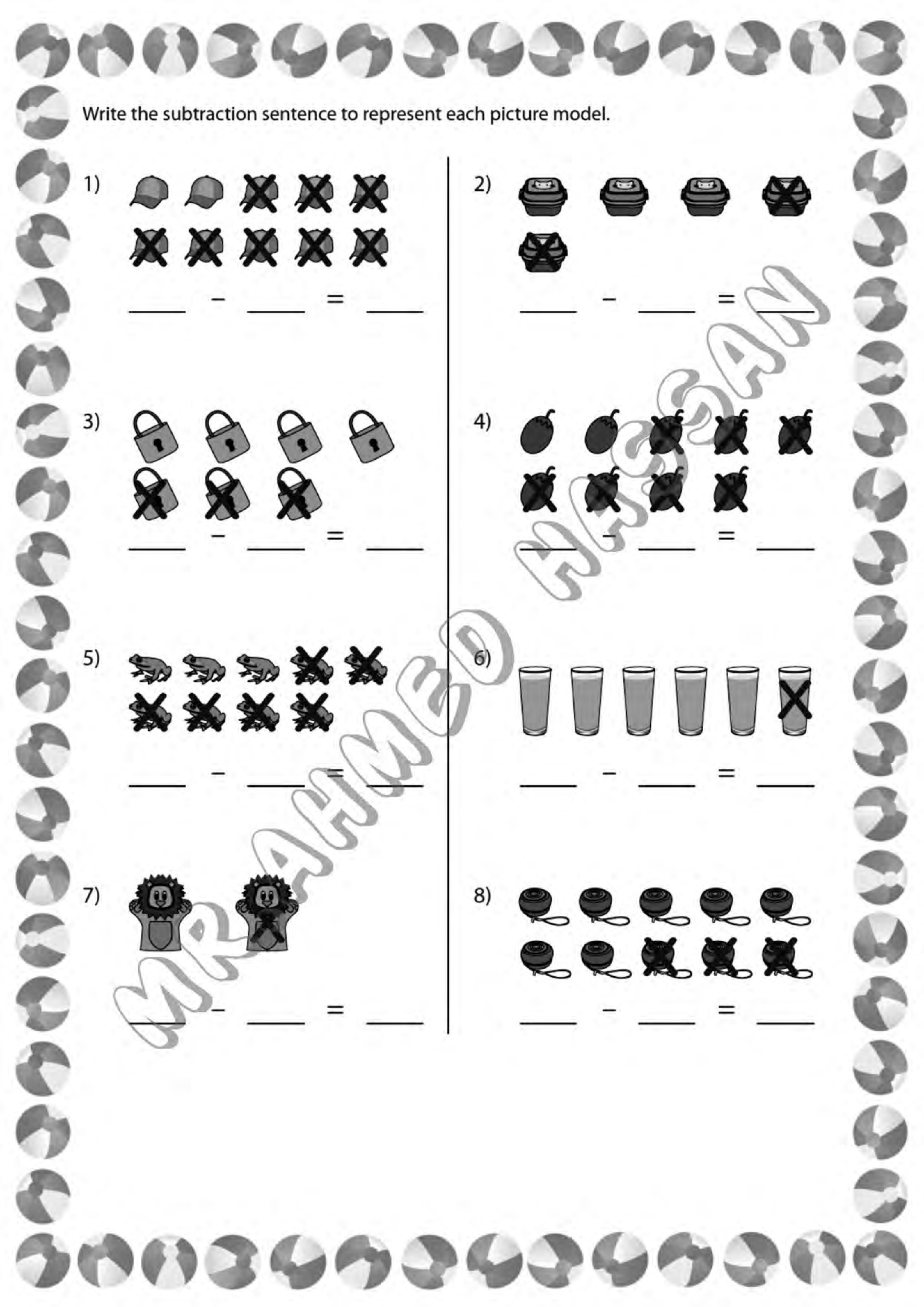
c)

4) 7 – 6 = 1

a)

b)

c)



Write the subtraction sentence to represent each picture model.

1) ____ – ____ = ____

2) ____ – ____ = ____

3) ____ – ____ = ____

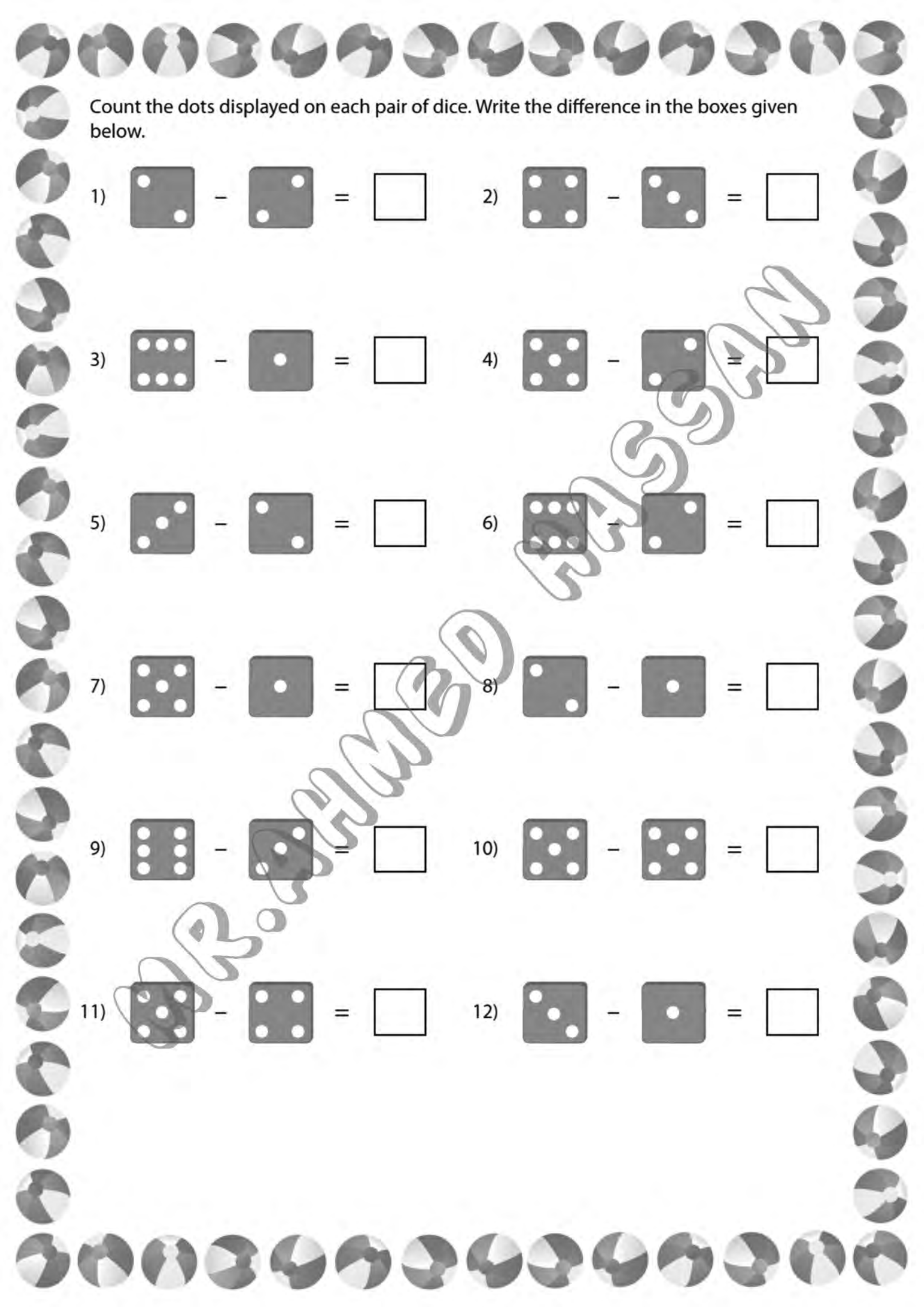
4) ____ – ____ = ____

5) ____ – ____ = ____

6) ____ – ____ = ____

7) ____ – ____ = ____

8) ____ – ____ = ____



Count the dots displayed on each pair of dice. Write the difference in the boxes given below.

1) − =

2) − =

3) − =

4) − =

5) − =

6) − =

7) − =

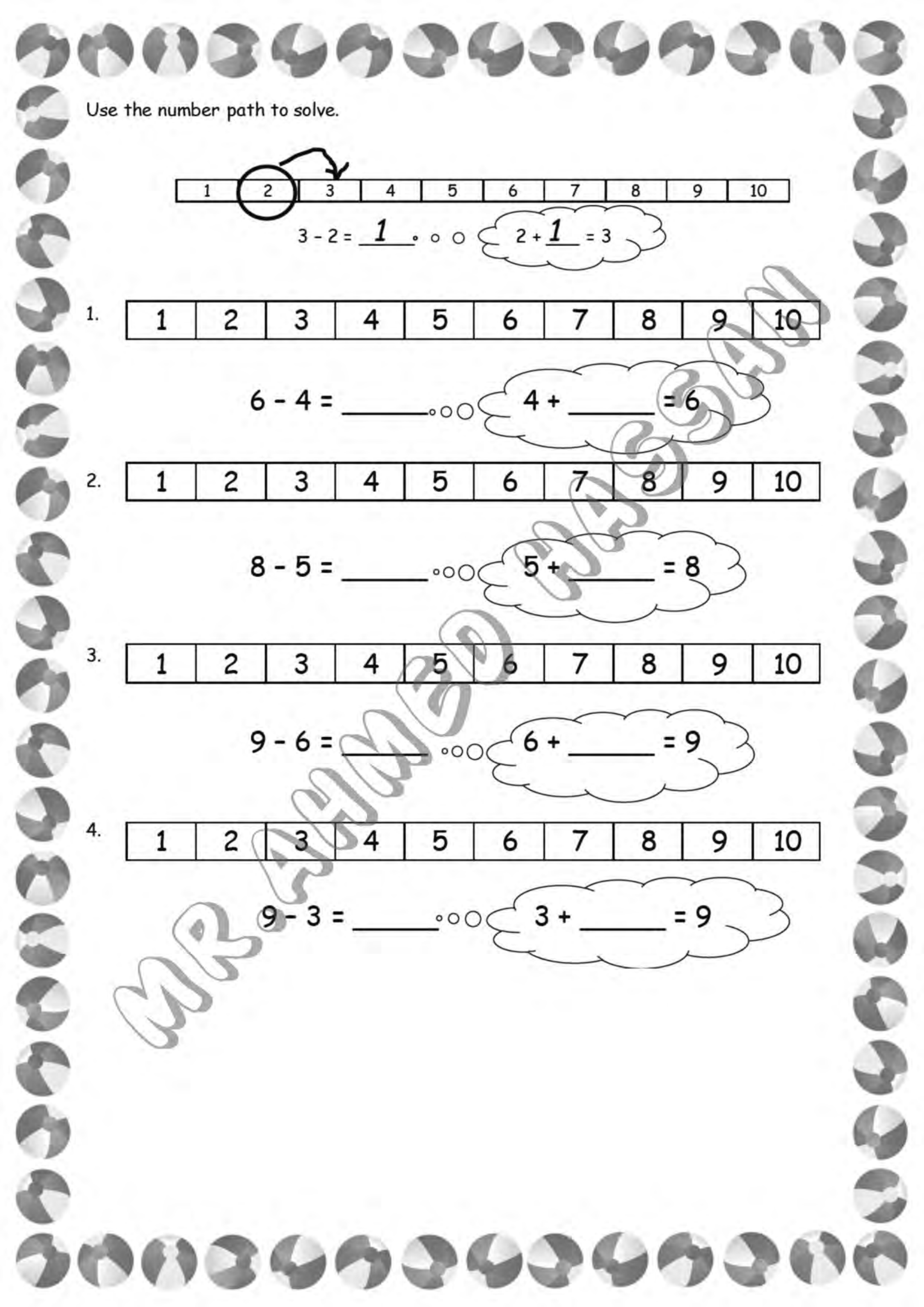
8) − =

9) − =

10) − =

11) − =

12) − =



Use the number path to solve.

1	2	3	4	5	6	7	8	9	10

3 - 2 = 1 ∘ ○ ○ 2 + 1 = 3

1.

1	2	3	4	5	6	7	8	9	10

6 - 4 = ______ ∘○○ 4 + ______ = 6

2.

1	2	3	4	5	6	7	8	9	10

8 - 5 = ______ ∘○○ 5 + ______ = 8

3.

1	2	3	4	5	6	7	8	9	10

9 - 6 = ______ ∘○○ 6 + ______ = 9

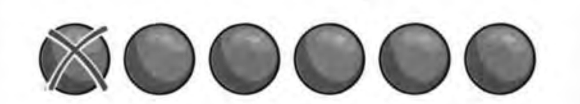
4.

1	2	3	4	5	6	7	8	9	10

9 - 3 = ______ ∘○○ 3 + ______ = 9



Subtract. Cross out and write how many are left.



6 – 1 = ___

4 – 3 = ___

8 – 6 = ___

10 – 4 = ___

9 – 7 = ___

3 – 2 = ___

Lessons 47-48

The relation between addition and subtraction

1 + 3 = 4   4 – 1 = 3
3 + 1 = 4   4 – 3 = 1

3 + 2 = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

2 + 4 = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

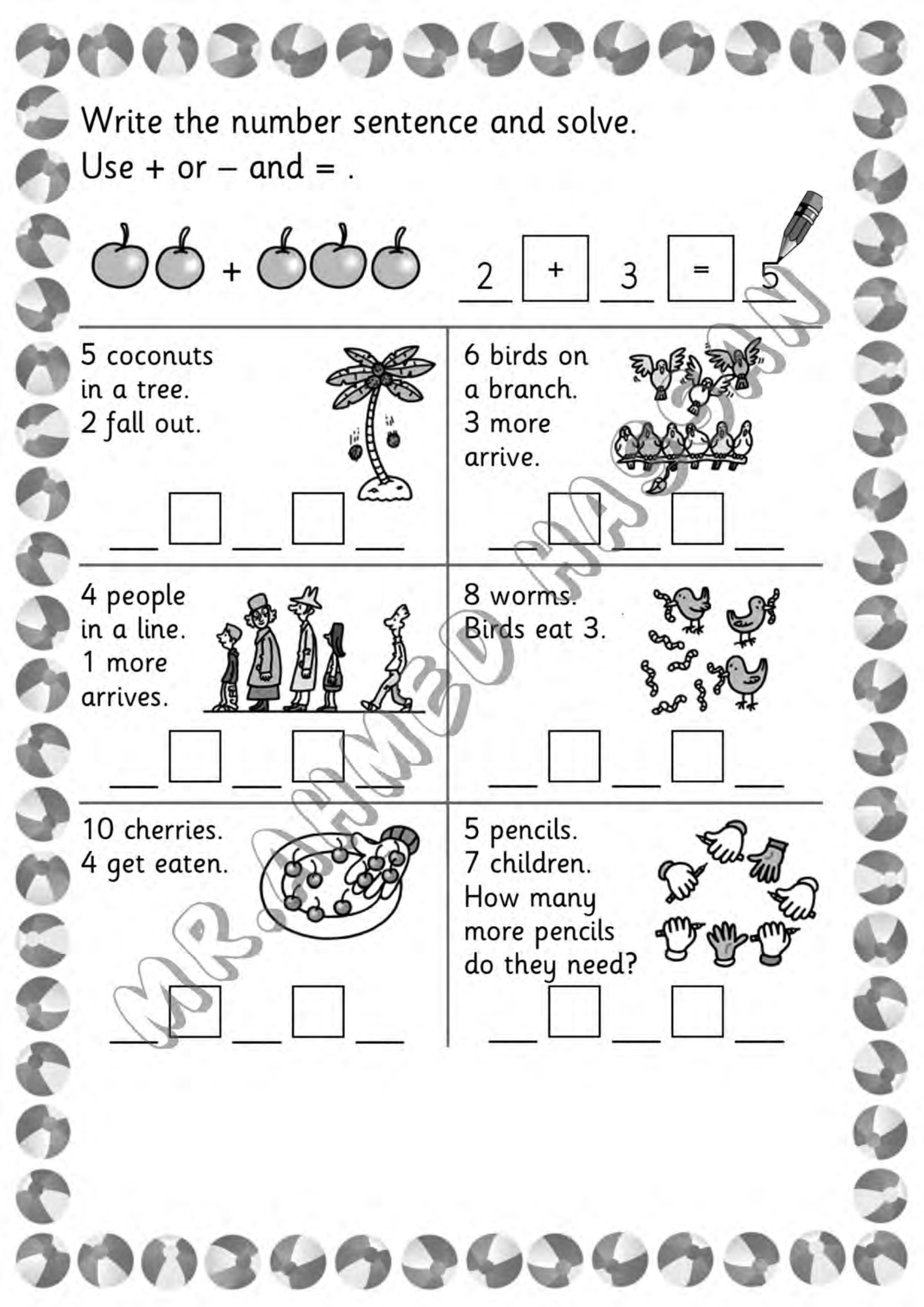
___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___

___ + ___ = ___
___ + ___ = ___
___ – ___ = ___
___ – ___ = ___



Write the number sentence and solve.

Use + or – and = .

2 + 3 = 5

5 coconuts in a tree. 2 fall out.

___ ☐ ___ ☐ ___

6 birds on a branch. 3 more arrive.

___ ☐ ___ ☐ ___

4 people in a line. 1 more arrives.

___ ☐ ___ ☐ ___

8 worms. Birds eat 3.

___ ☐ ___ ☐ ___

10 cherries. 4 get eaten.

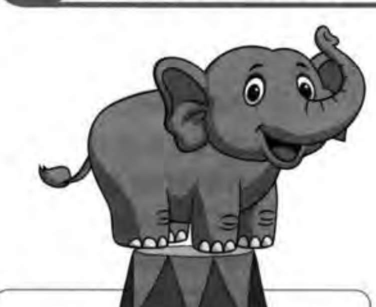
___ ☐ ___ ☐ ___

5 pencils. 7 children. How many more pencils do they need?

___ ☐ ___ ☐ ___

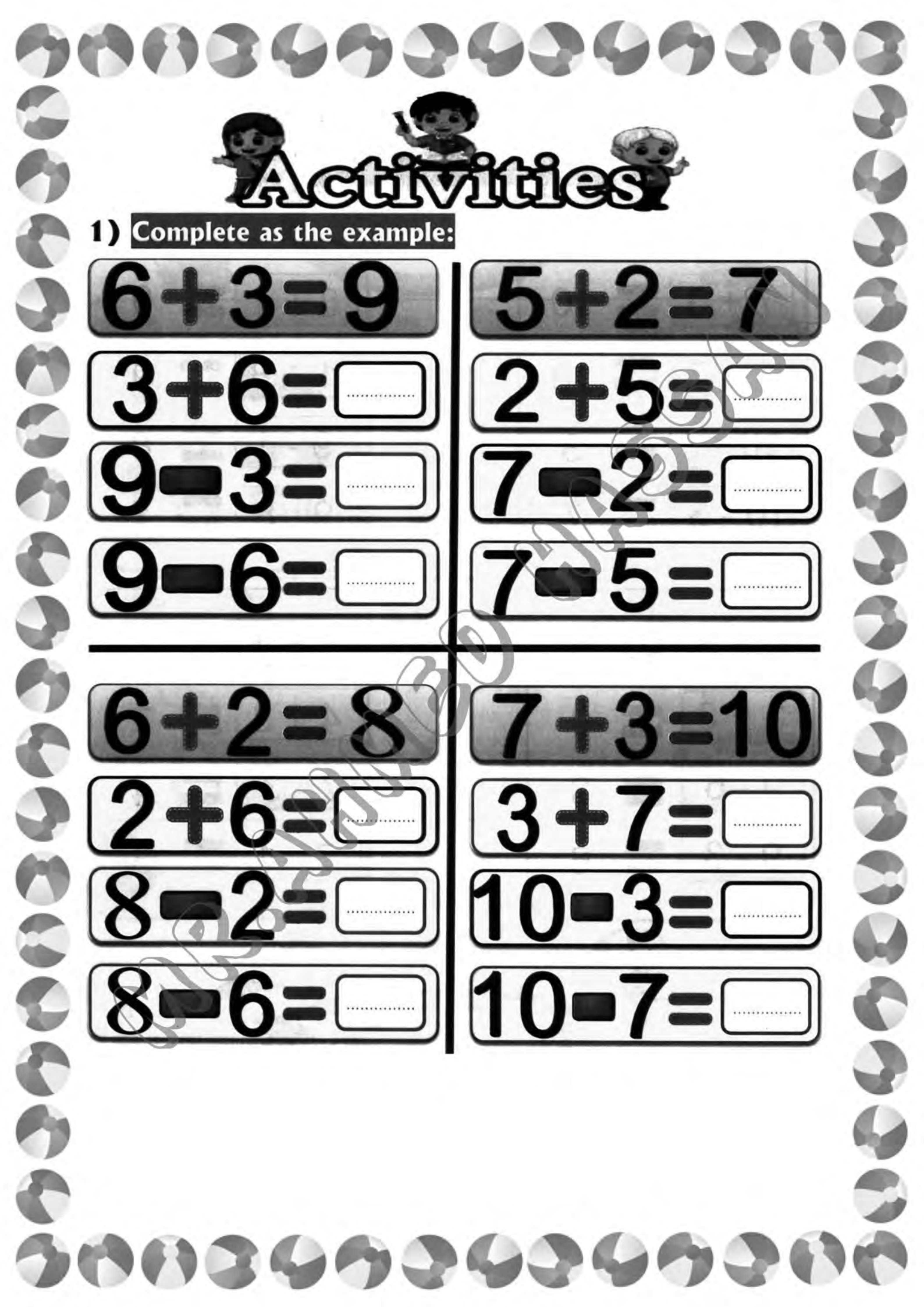


Put (+) or (-).



3 ☐ 2 = 5	2 ☐ 6 = 8	10 ☐ 8 = 2
8 ☐ 2 = 6	5 ☐ 4 = 9	7 ☐ 3 = 4
9 ☐ 4 = 5	10 ☐ 3 = 7	5 ☐ 5 = 10
3 ☐ 3 = 0	9 ☐ 1 = 10	7 ☐ 5 = 2
6 ☐ 3 = 3	6 ☐ 4 = 10	5 ☐ 2 = 7
5 ☐ 3 = 8	2 ☐ 7 = 9	1 ☐ 0 = 1

Add or Subtract?		
2 + 4 = 6	3 ☐ 6 = 9	5 ☐ 3 = 2
8 ☐ 5 = 3	5 ☐ 2 = 3	7 ☐ 3 = 4
7 ☐ 2 = 9	6 ☐ 4 = 2	2 ☐ 5 = 7
3 ☐ 4 = 7	9 ☐ 3 = 6	3 ☐ 5 = 8



Activities

1) **Complete as the example:**

$6 + 3 = 9$

$3 + 6 = \dots\dots$

$9 - 3 = \dots\dots$

$9 - 6 = \dots\dots$

$5 + 2 = 7$

$2 + 5 = \dots\dots$

$7 - 2 = \dots\dots$

$7 - 5 = \dots\dots$

$6 + 2 = 8$

$2 + 6 = \dots\dots$

$8 - 2 = \dots\dots$

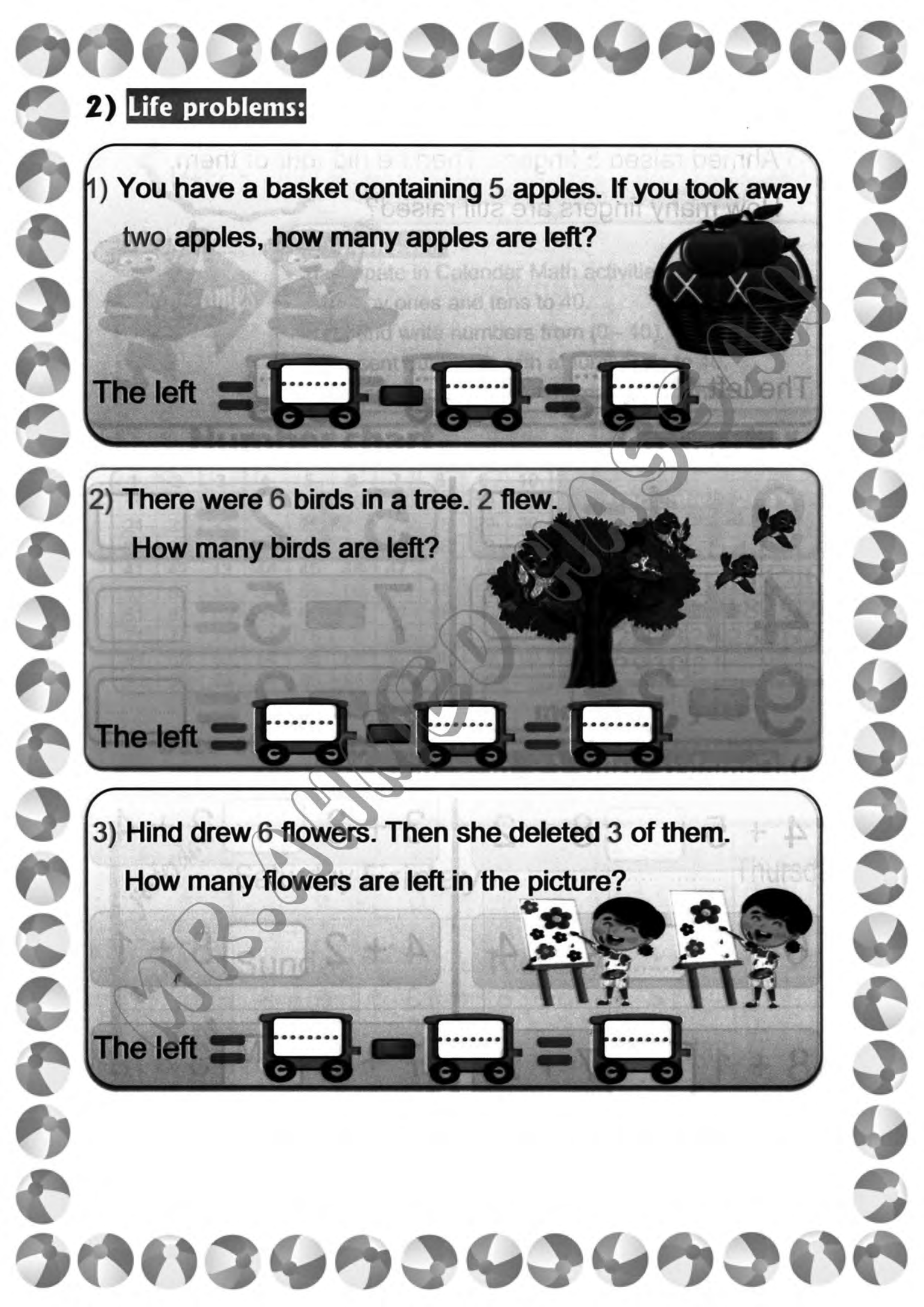
$8 - 6 = \dots\dots$

$7 + 3 = 10$

$3 + 7 = \dots\dots$

$10 - 3 = \dots\dots$

$10 - 7 = \dots\dots$



2) Life problems:

1) You have a basket containing 5 apples. If you took away two apples, how many apples are left?

The left = ... − .... = ...

2) There were 6 birds in a tree. 2 flew.

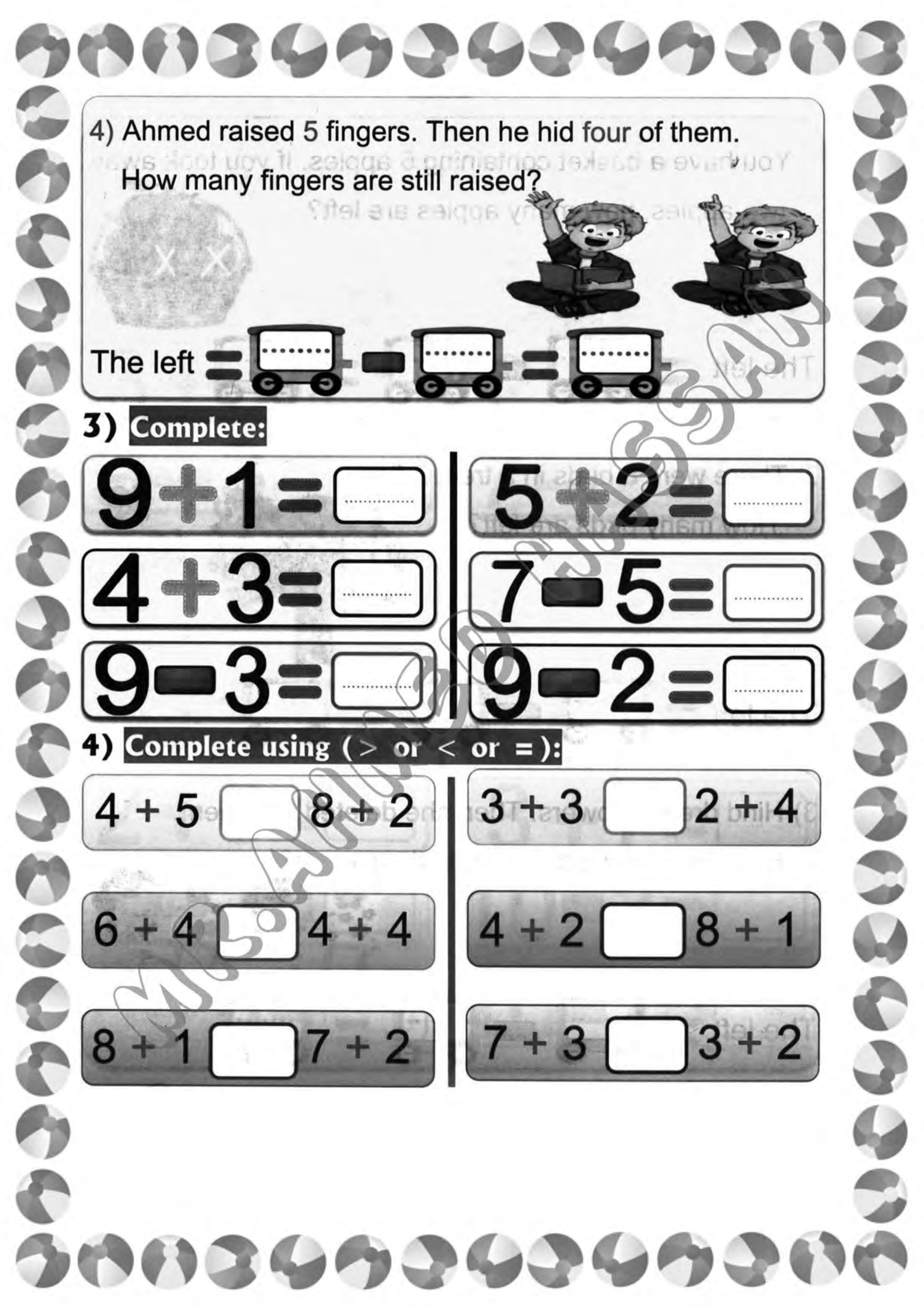
How many birds are left?

The left = ... − .... = ...

3) Hind drew 6 flowers. Then she deleted 3 of them.

How many flowers are left in the picture?

The left = ... − .... = ...



4) Ahmed raised 5 fingers. Then he hid four of them.

How many fingers are still raised?

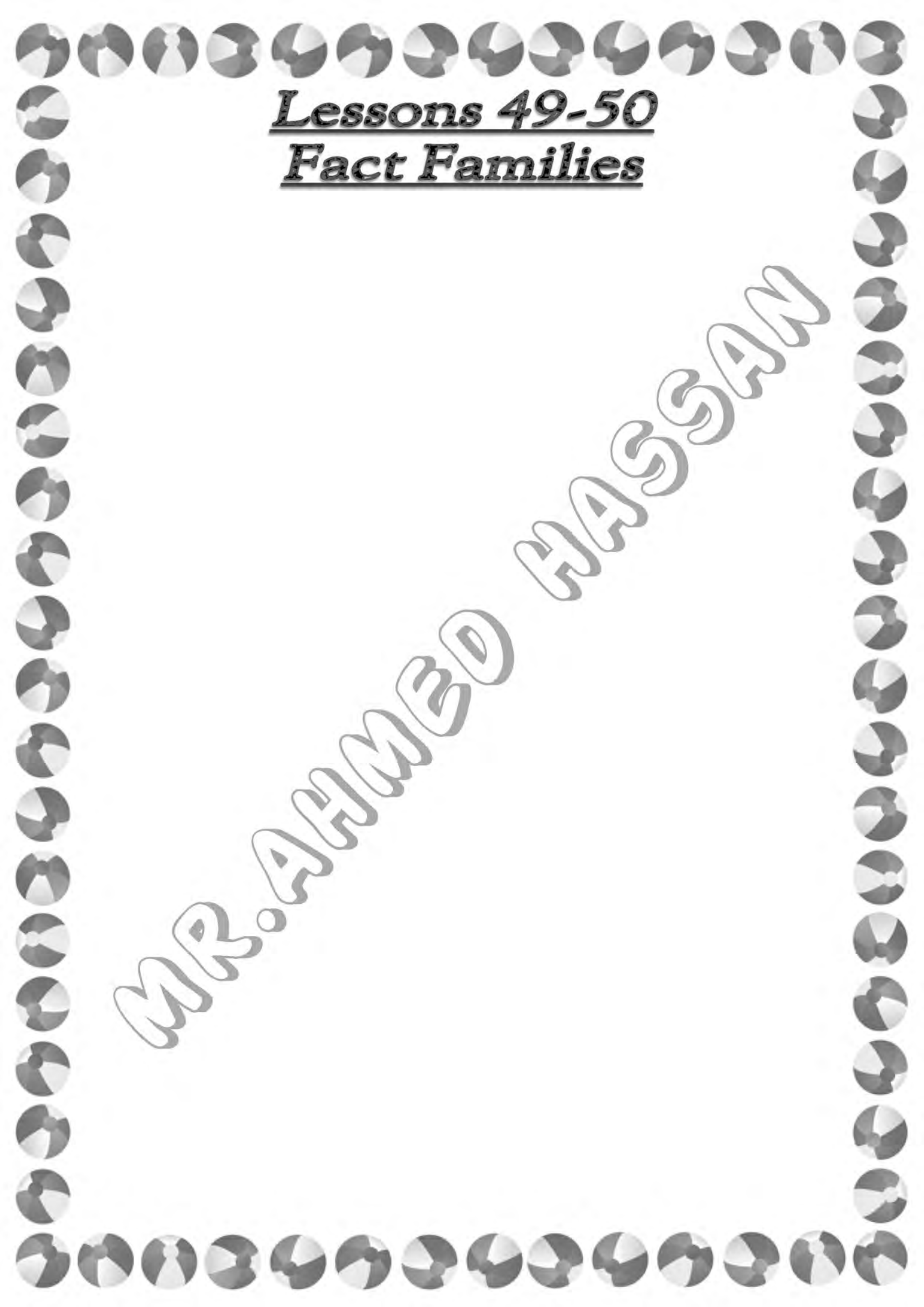
The left = ... − .... = ...

3) **Complete:**

9 + 1 = ...	5 + 2 = ...
4 + 3 = ...	7 − 5 = ...
9 − 3 = ...	9 − 2 = ...

4) **Complete using (> or < or =):**

4 + 5 ☐ 8 + 2	3 + 3 ☐ 2 + 4
6 + 4 ☐ 4 + 4	4 + 2 ☐ 8 + 1
8 + 1 ☐ 7 + 2	7 + 3 ☐ 3 + 2



Lessons 49-50
Fact Families

Count on 1, 2, or 3.

Count on to add.

1. 6   7, 8

$6 + 2 = 8$

2. 6 ____

$6 + 1 =$ ____

3. $5 + 1 =$ ____   4. $8 + 1 =$ ____   5. $4 + 2 =$ ____

6. $5 + 2 =$ ____   7. $6 + 3 =$ ____   8. $9 + 1 =$ ____

9. $6 + 2$ 10. $7 + 3$ 11. $3 + 1$ 12. $8 + 2$ 13. $4 + 1$ 14. $5 + 3$

15. $3 + 2$ 16. $8 + 1$ 17. $2 + 1$ 18. $7 + 2$ 19. $9 + 1$ 20. $4 + 3$

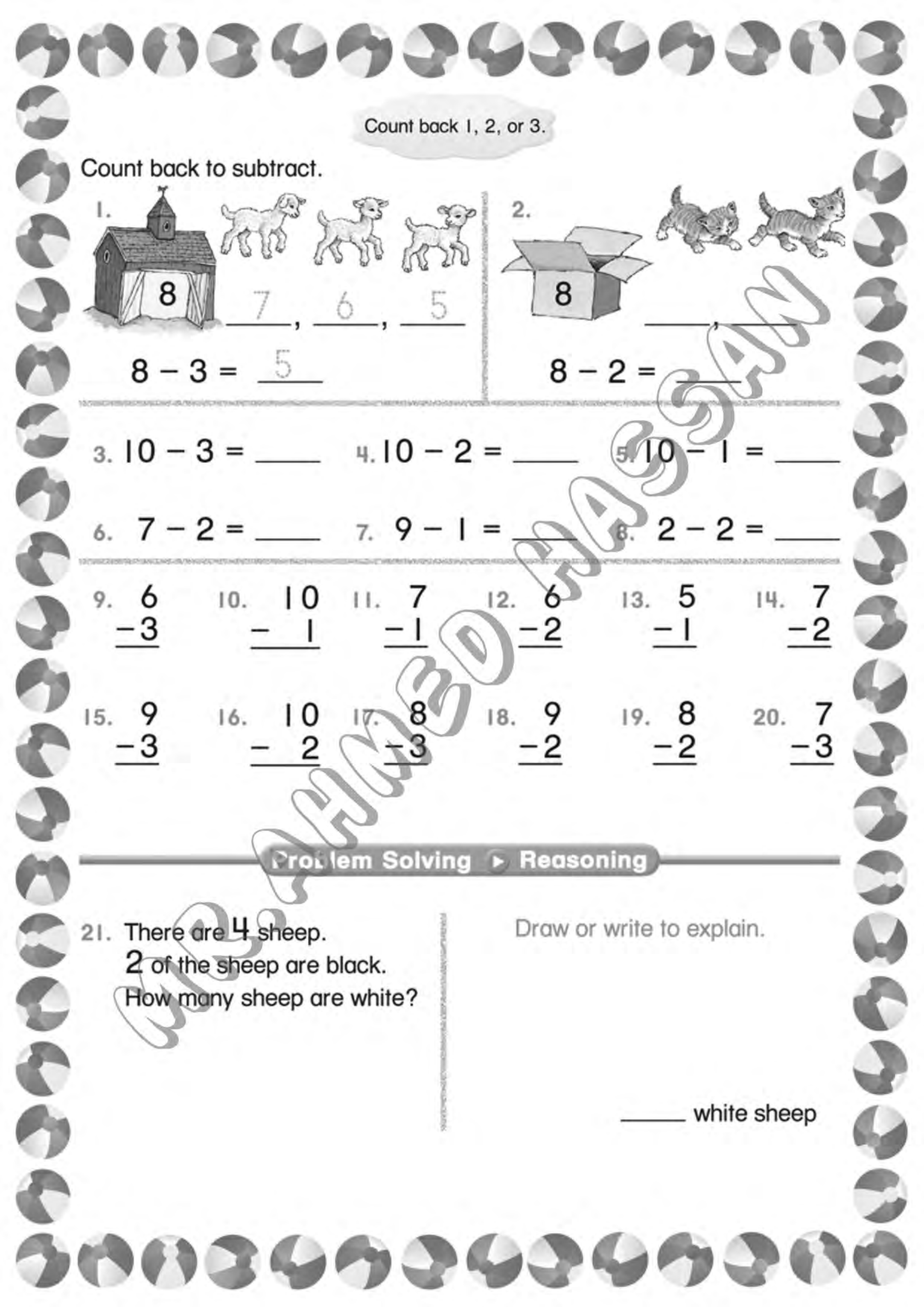
21. $7 + 1$ 22. $5 + 2$ 23. $6 + 1$ 24. $3 + 2$ 25. $5 + 1$ 26. $6 + 3$

Problem Solving ▶ Visual Thinking

27. How many and ?



____



Count back 1, 2, or 3.

Count back to subtract.

1. 8   7, 6, 5

$8 - 3 = 5$

2. 8   ____, ____

$8 - 2 =$ ____

3. $10 - 3 =$ ____
4. $10 - 2 =$ ____
5. $10 - 1 =$ ____
6. $7 - 2 =$ ____
7. $9 - 1 =$ ____
8. $2 - 2 =$ ____

9. $6 - 3$
10. $10 - 1$
11. $7 - 1$
12. $6 - 2$
13. $5 - 1$
14. $7 - 2$
15. $9 - 3$
16. $10 - 2$
17. $8 - 3$
18. $9 - 2$
19. $8 - 2$
20. $7 - 3$

Problem Solving ▶ Reasoning

21. There are 4 sheep.
2 of the sheep are black.
How many sheep are white?

Draw or write to explain.

____ white sheep

Lessons 51 - 60
Numbers up to 100

Complete the hundred chart:

1		3	4			7		9	
	12		14						20
	22			25					
31			34			37		39	
		43			46		48		
51				55		57			60
			64					69	
71		73			76				80
			84			87			
91					96			99	100

Match the number names to the two-digit numbers.

fourteen	25
twenty-five	36
thirty-six	14
forty-seven	47

Some numbers on the 100 chart are covered.

Start at ■ and count forwards until you get to 45.

Start at ▲ and count backwards until you get to 1.

Start at ● and count forwards to 100.

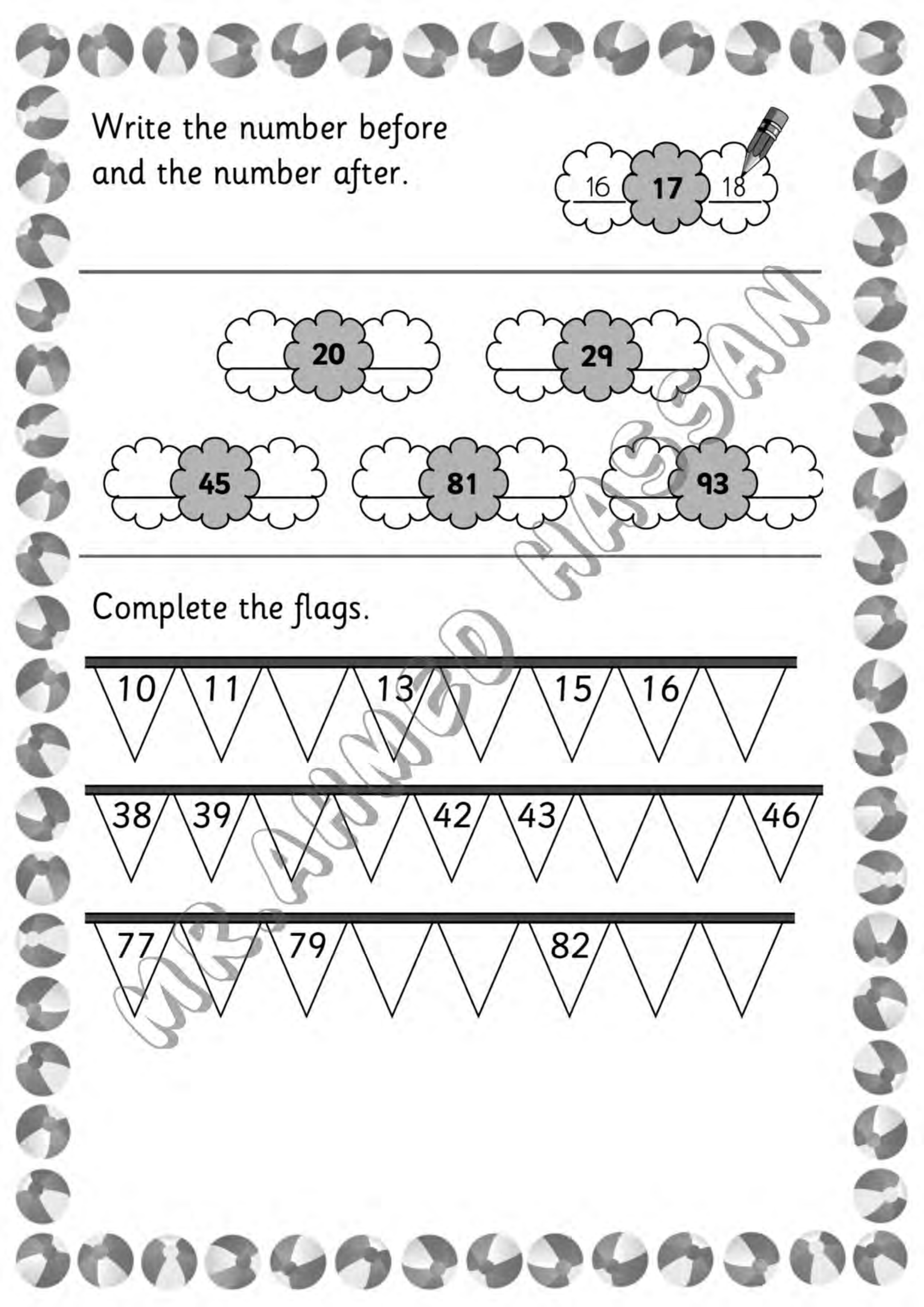
1	2	3	4	5	6	7	8	▲	10
11	12	13	14	15	16	17	18	19	20
21	22	⬟	24	25	★	27	28	29	30
31	32	33	34	35	36	◆	38	39	■
✹	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	✹	65	66	67	⯃	69	70
71	72	73	74	75	76	77	78	79	80
81	●	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	⬬	99	100

Draw the shape that is covering these numbers.

23 ☐ 37 ☐ 41 ☐ 82 ☐

Write the number:

Before		After	Before		After
☐	18	☐	☐	49	☐
☐	29	☐	☐	64	☐
☐	30	☐	☐	88	☐
☐	43	☐	☐	99	☐



Write the number before and the number after.

16 **17** 18

20

29

45

81

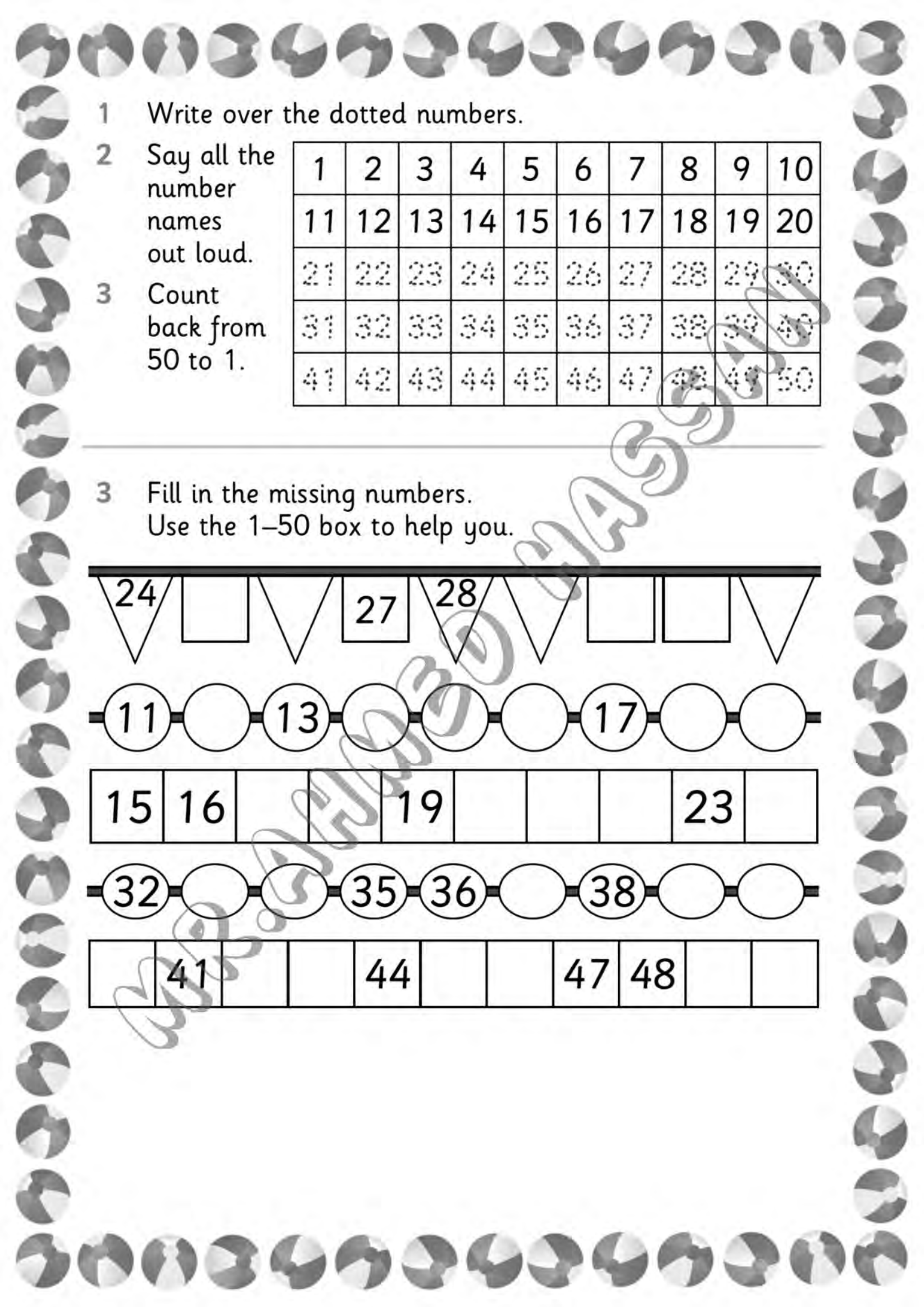
93

Complete the flags.

10	11		13		15	16	

38	39			42	43			46

77		79			82		



1 Write over the dotted numbers.

2 Say all the number names out loud.

3 Count back from 50 to 1.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

3 Fill in the missing numbers.
Use the 1–50 box to help you.

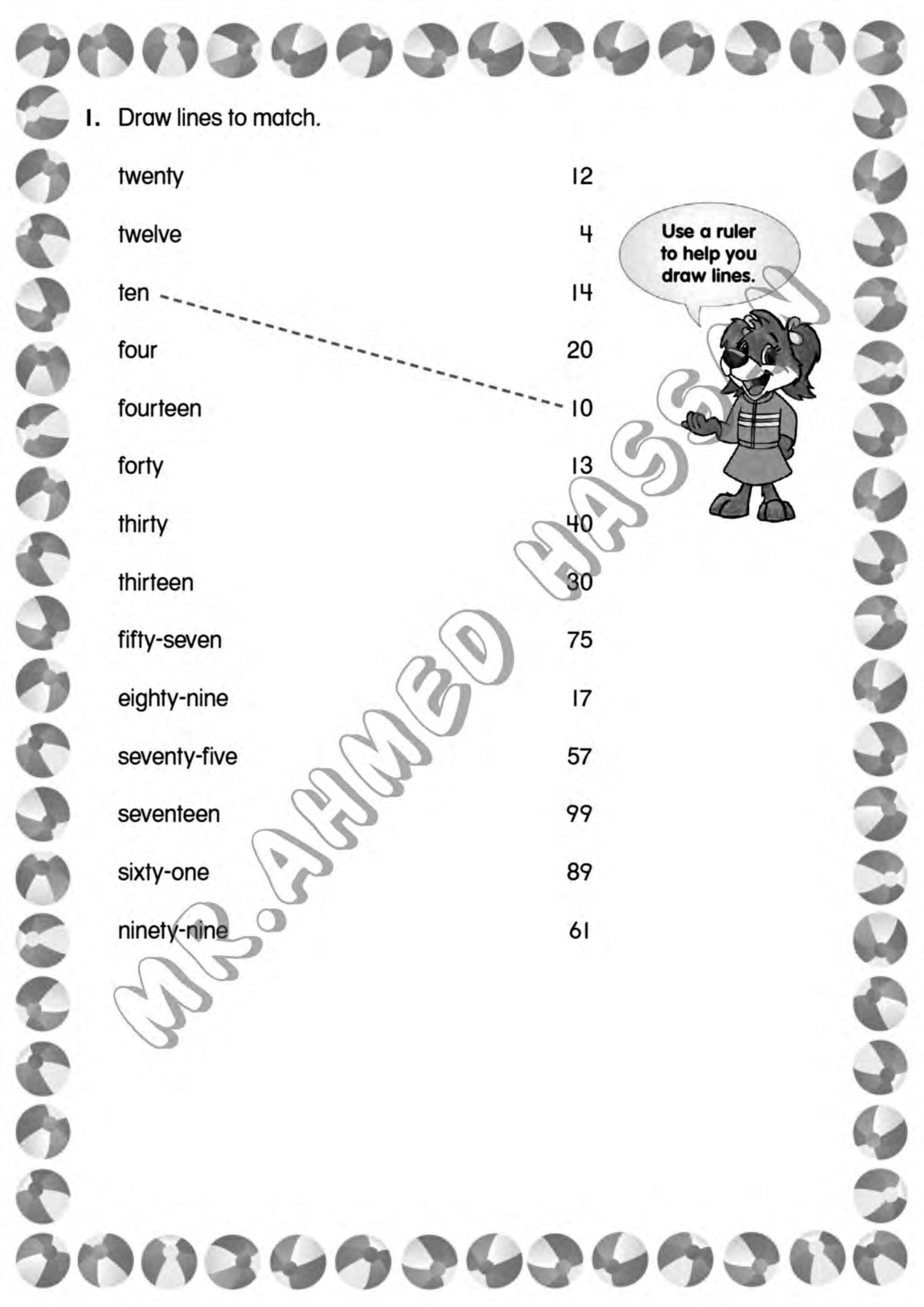
24			27	28				

11		13				17		

15	16			19				23	

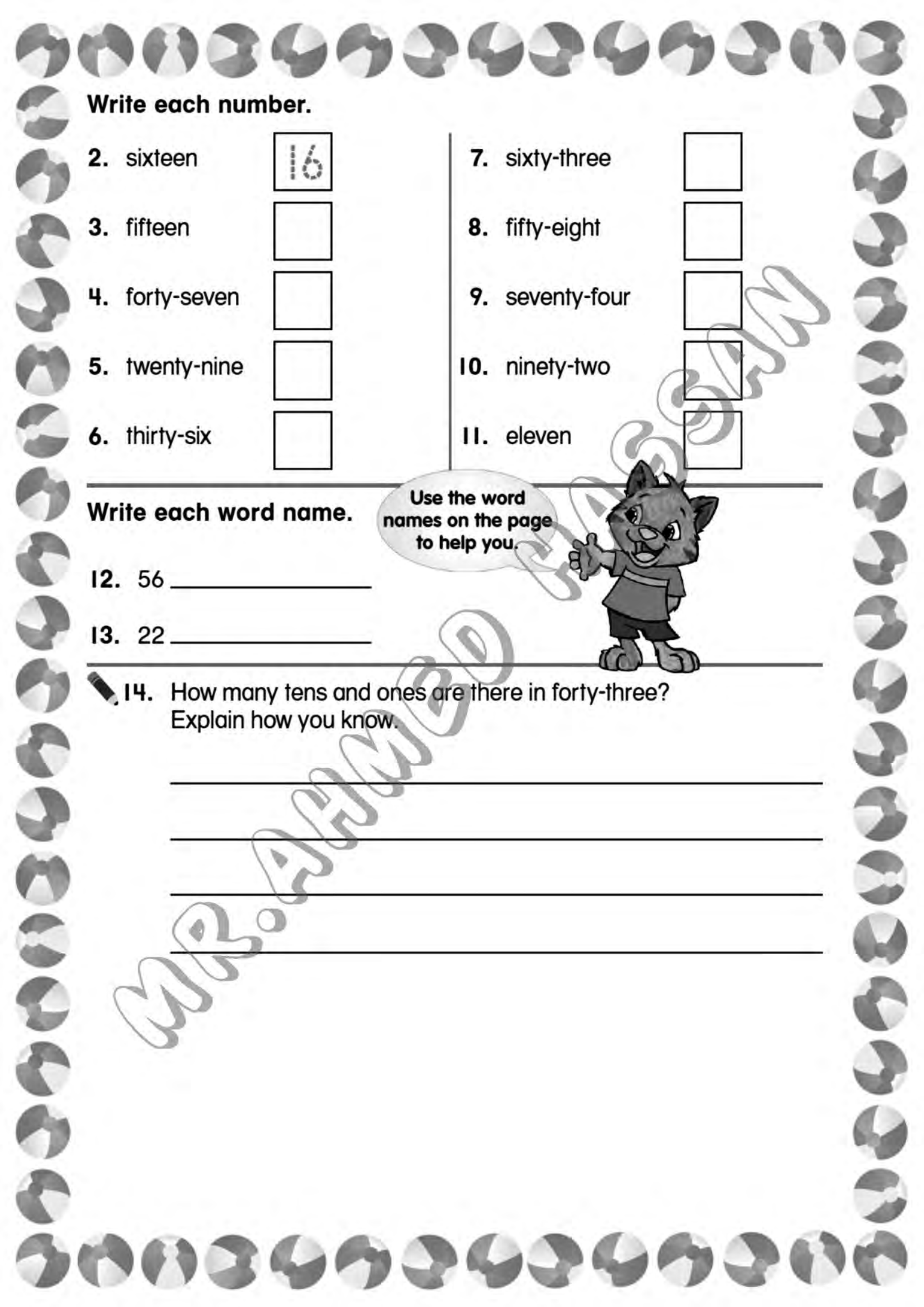
32			35	36		38		

	41			44			47	48		



1. Draw lines to match.

twenty	12
twelve	4
ten	14
four	20
fourteen	10
forty	13
thirty	40
thirteen	30
fifty-seven	75
eighty-nine	17
seventy-five	57
seventeen	99
sixty-one	89
ninety-nine	61



Write each number.

2. sixteen 16
3. fifteen
4. forty-seven
5. twenty-nine
6. thirty-six
7. sixty-three
8. fifty-eight
9. seventy-four
10. ninety-two
11. eleven

Write each word name.

12. 56 ________________
13. 22 ________________

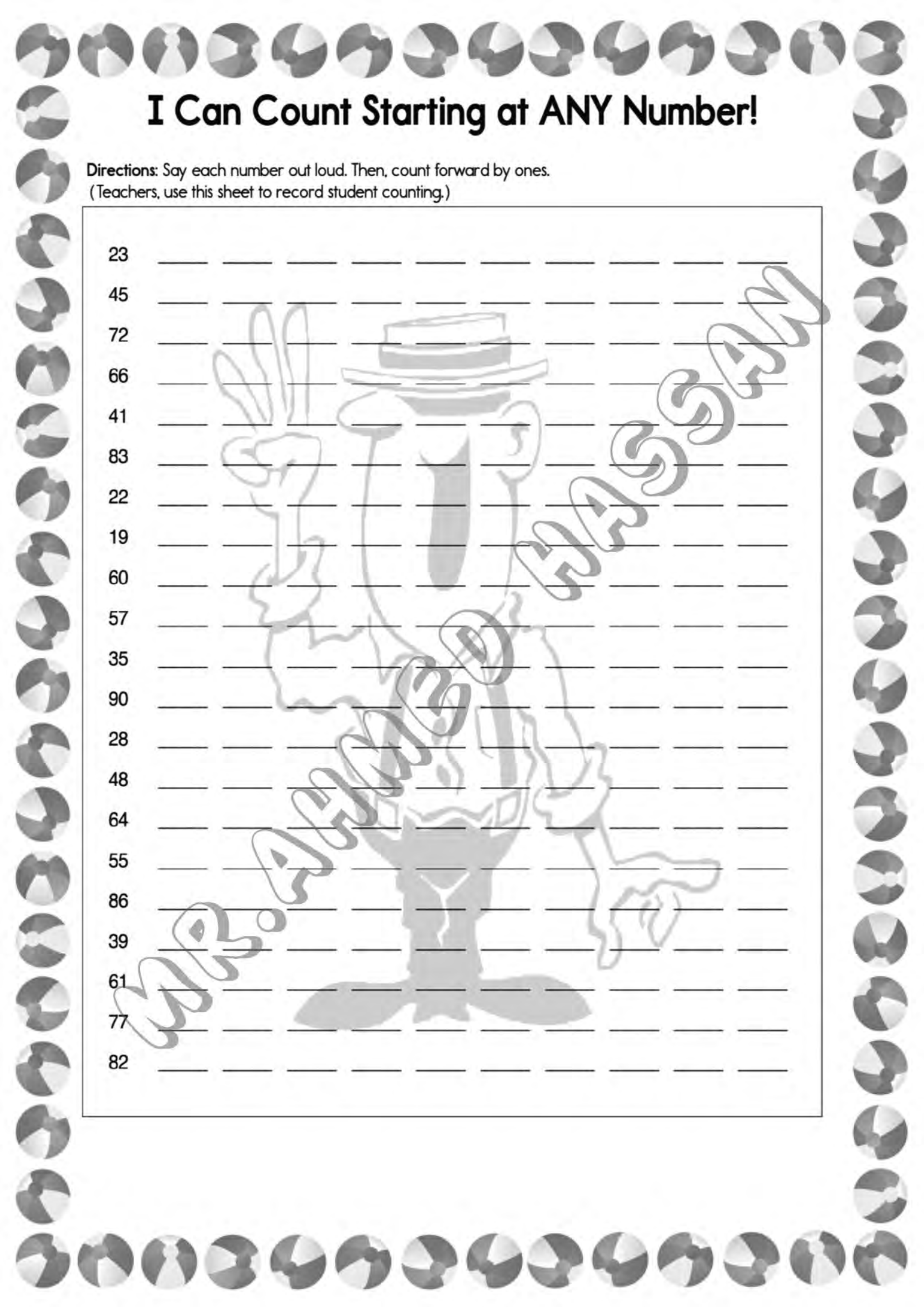
14. How many tens and ones are there in forty-three? Explain how you know.

____

____

____

____



I Can Count Starting at ANY Number!

Directions: Say each number out loud. Then, count forward by ones.
(Teachers, use this sheet to record student counting.)

23 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

45 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

72 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

66 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

41 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

83 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

22 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

19 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

60 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

57 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

35 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

90 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

28 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

48 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

64 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

55 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

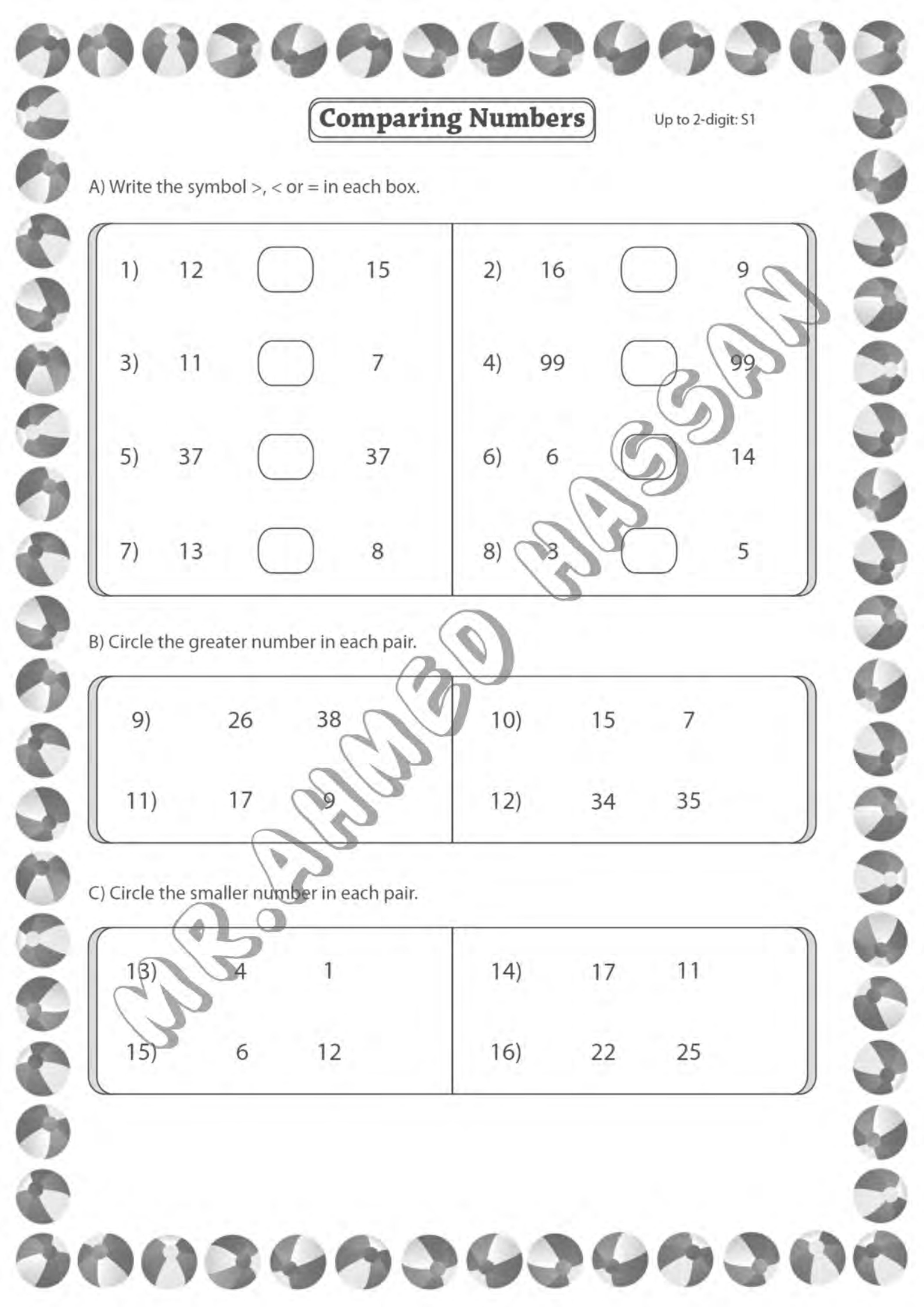
86 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

39 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

61 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

77 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

82 ____ ____ ____ ____ ____ ____ ____ ____ ____ ____



Comparing Numbers

Up to 2-digit: S1

A) Write the symbol >, < or = in each box.

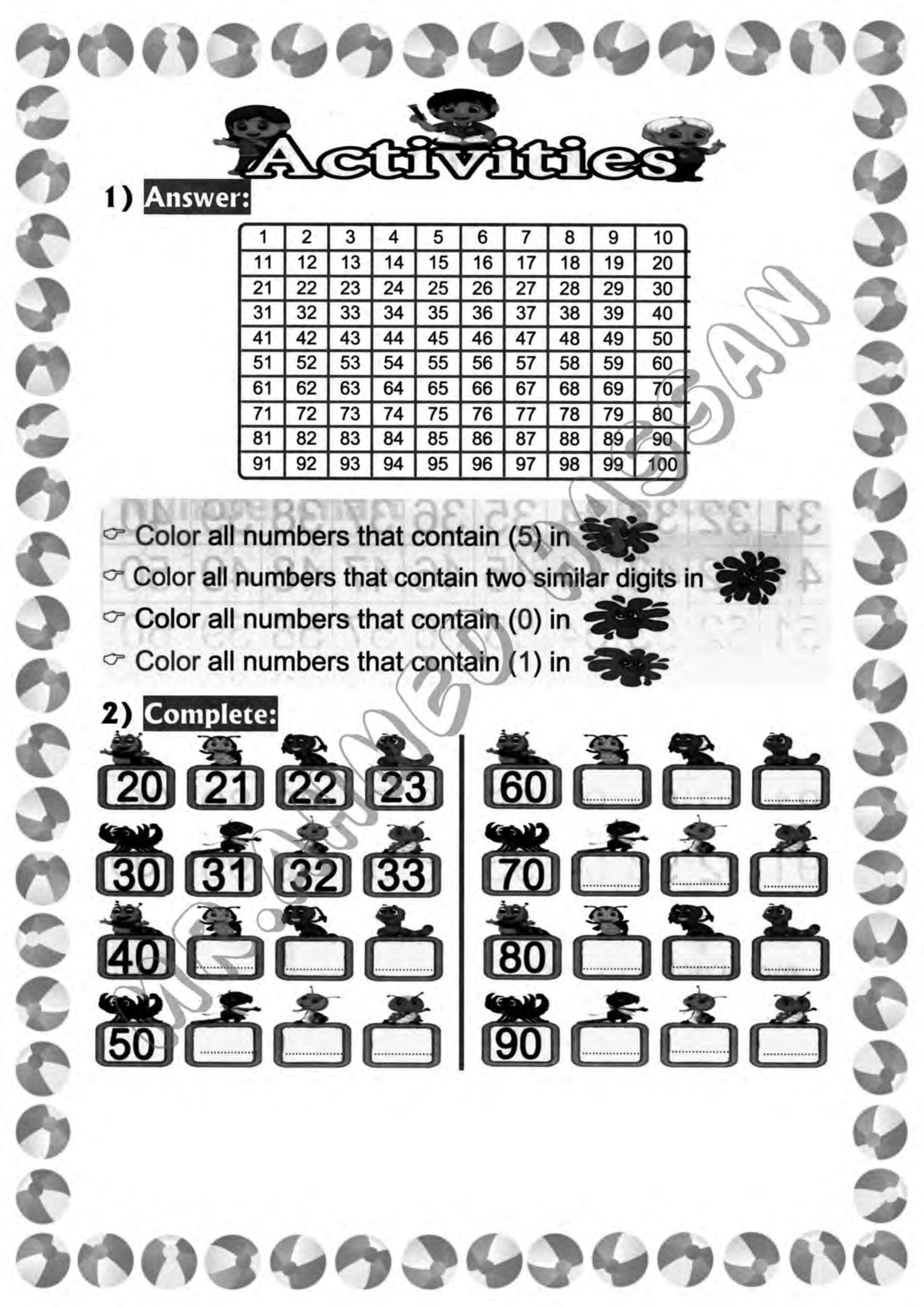
1)	12	☐	15		2)	16	☐	9
3)	11	☐	7		4)	99	☐	99
5)	37	☐	37		6)	6	☐	14
7)	13	☐	8		8)	3	☐	5

B) Circle the greater number in each pair.

9)	26	38		10)	15	7
11)	17	9		12)	34	35

C) Circle the smaller number in each pair.

13)	4	1		14)	17	11
15)	6	12		16)	22	25



Activities

1) Answer:

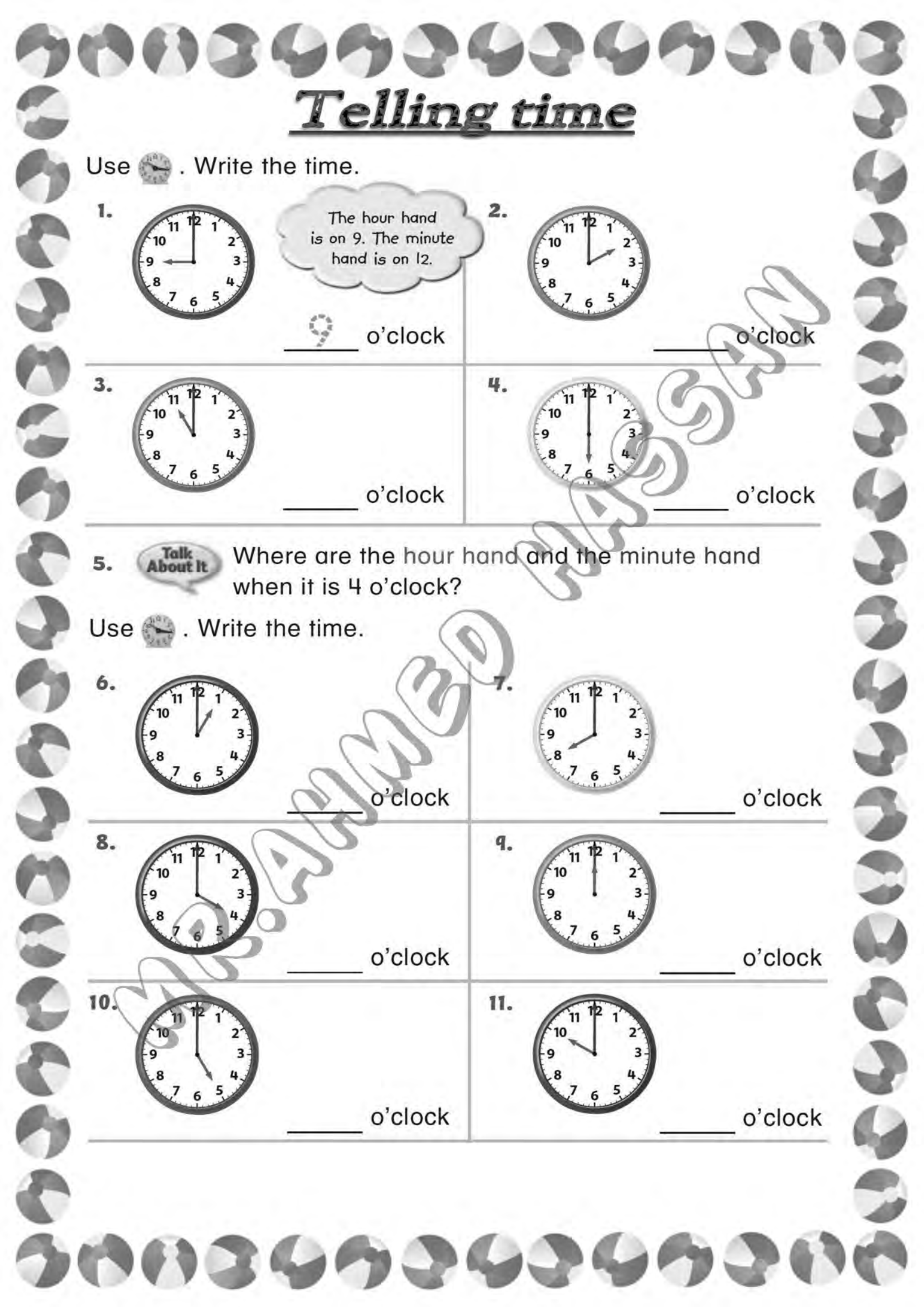
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- ☞ Color all numbers that contain (5) in
- ☞ Color all numbers that contain two similar digits in
- ☞ Color all numbers that contain (0) in
- ☞ Color all numbers that contain (1) in

2) Complete:

20	21	22	23
30	31	32	33
40	....	....	....
50	....	....	....

60	....	....	....
70	....	....	....
80	....	....	....
90	....	....	....



Telling time

Use . Write the time.

1. The hour hand is on 9. The minute hand is on 12.

9 o'clock

2. ______ o'clock

3. ______ o'clock

4. ______ o'clock

5. Talk About It: Where are the hour hand and the minute hand when it is 4 o'clock?

Use . Write the time.

6. ______ o'clock

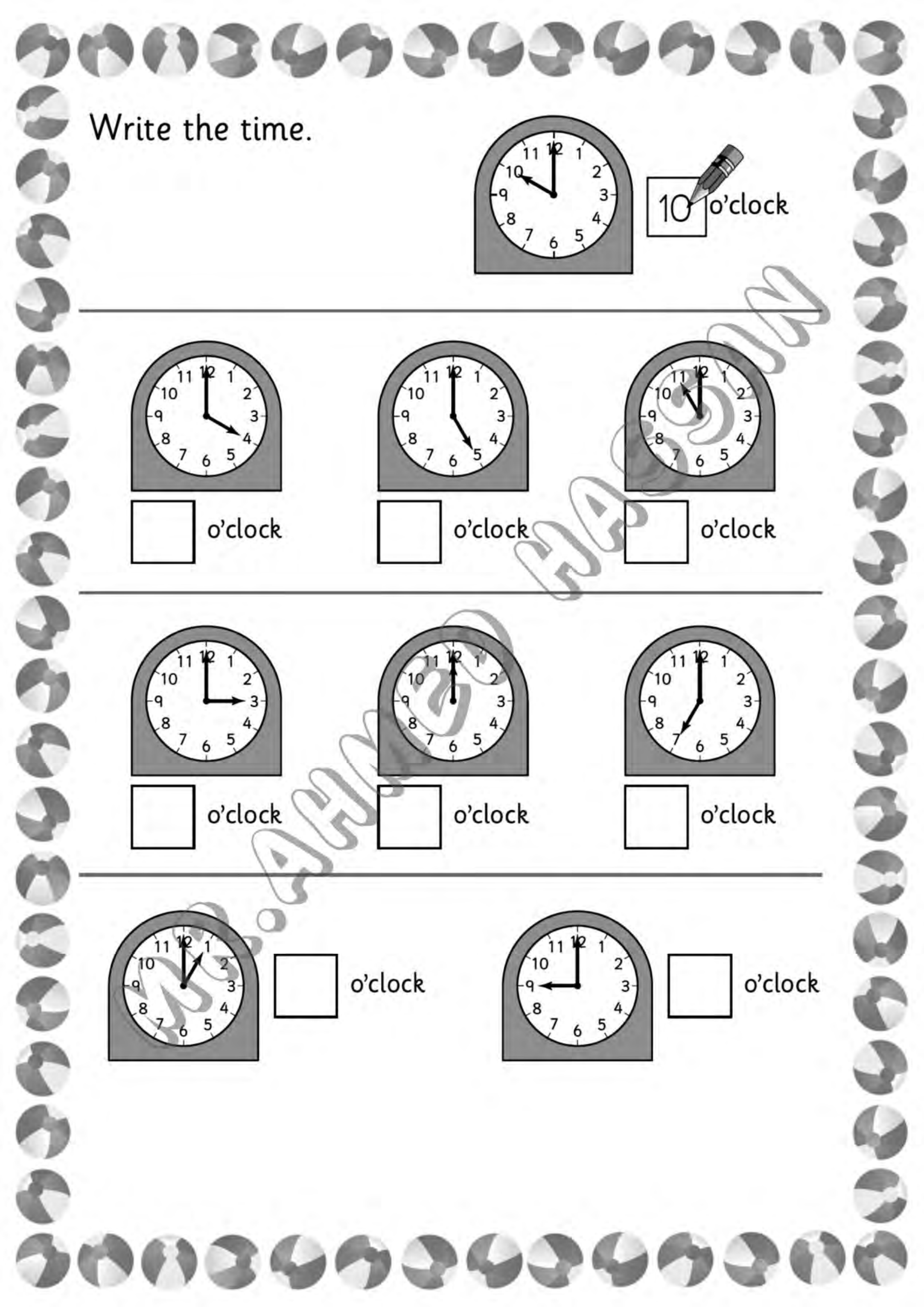
7. ______ o'clock

8. ______ o'clock

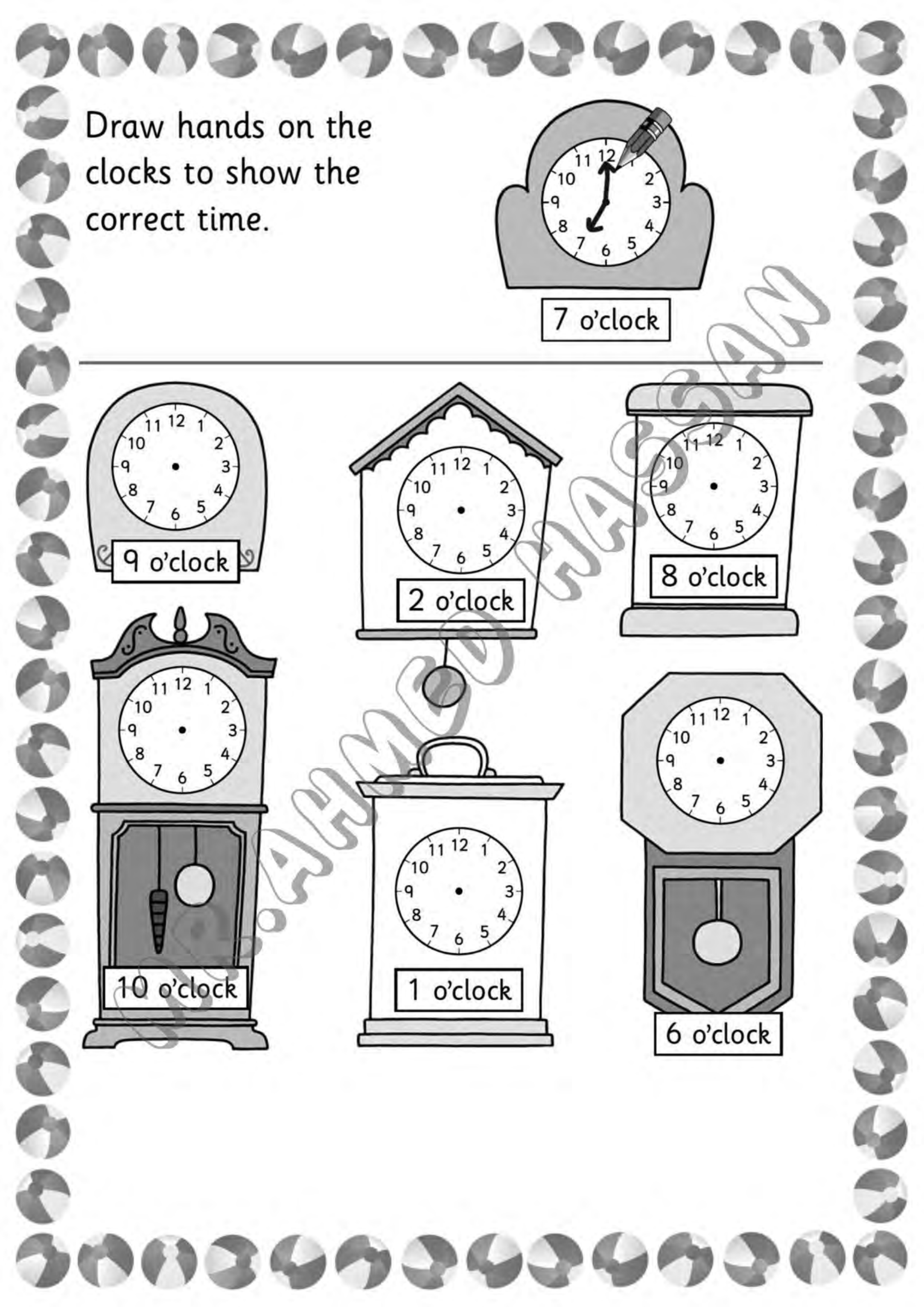
9. ______ o'clock

10. ______ o'clock

11. ______ o'clock

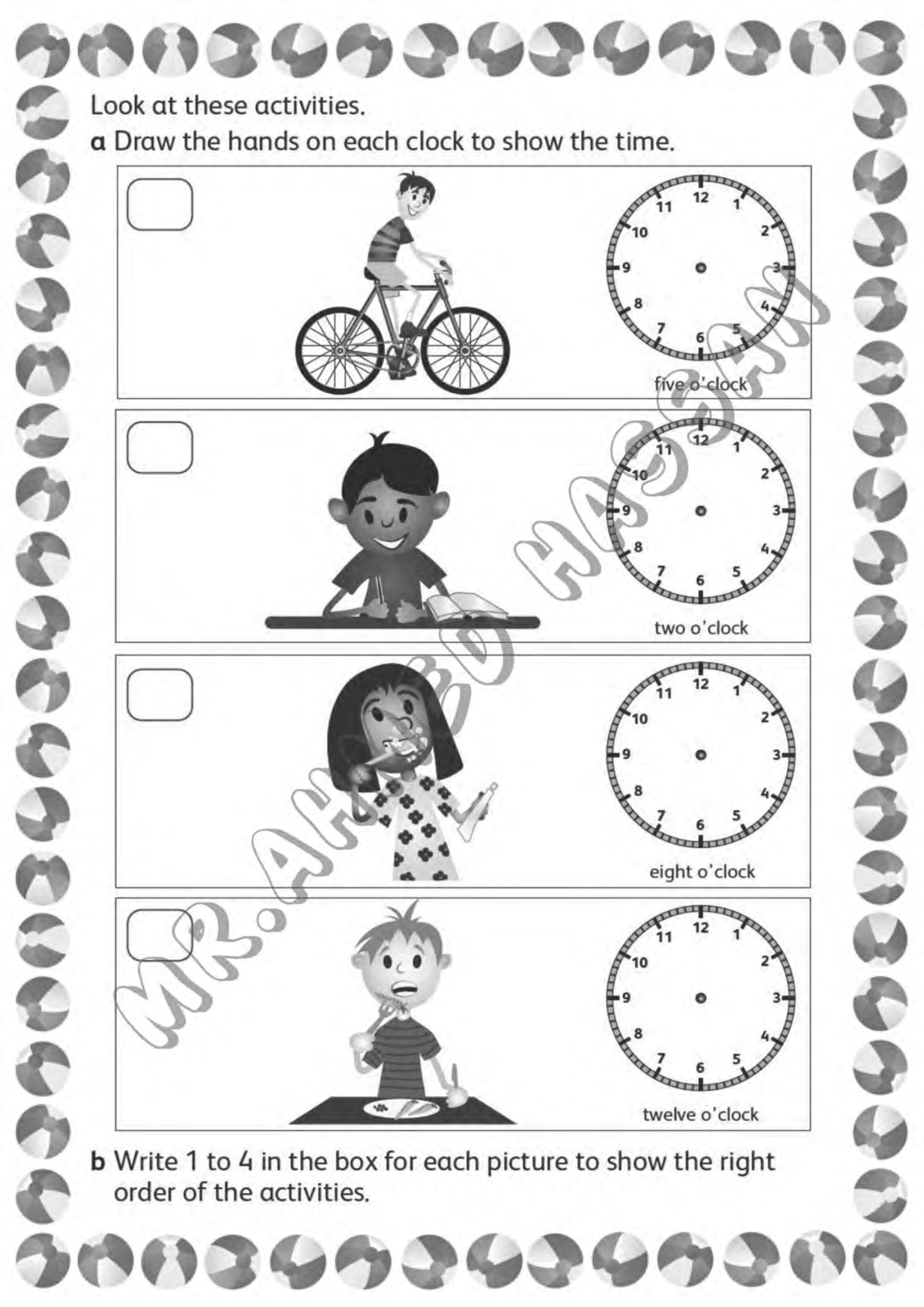

Write the time.
10 o'clock
o'clock
o'clock
o'clock
o'clock
o'clock
o'clock
o'clock
o'clock

Draw hands on the clocks to show the correct time.

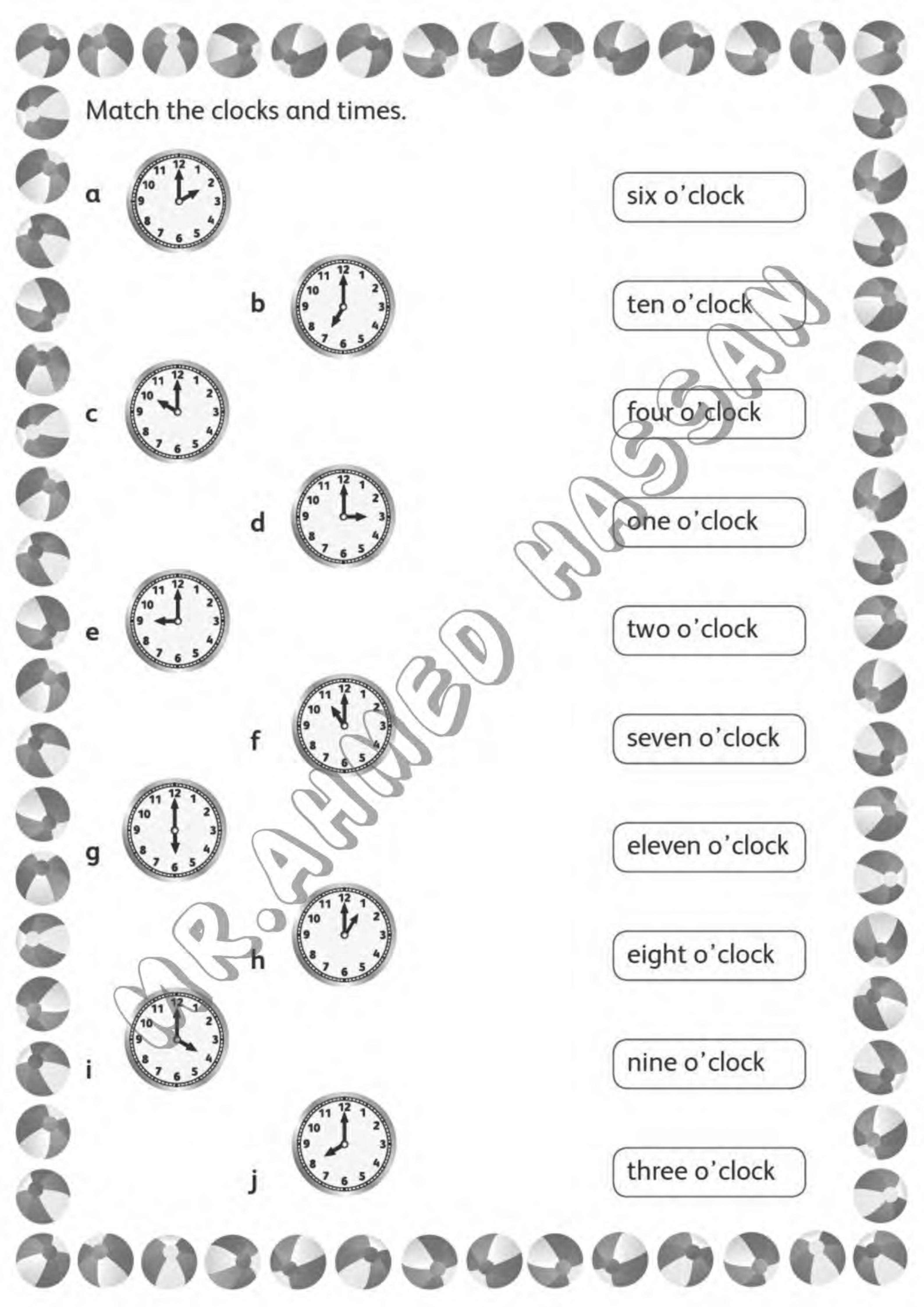


Look at these activities.

a Draw the hands on each clock to show the time.



b Write 1 to 4 in the box for each picture to show the right order of the activities.



Match the clocks and times.

a

b

c

d

e

f

g

h

i

j

six o'clock

ten o'clock

four o'clock

one o'clock

two o'clock

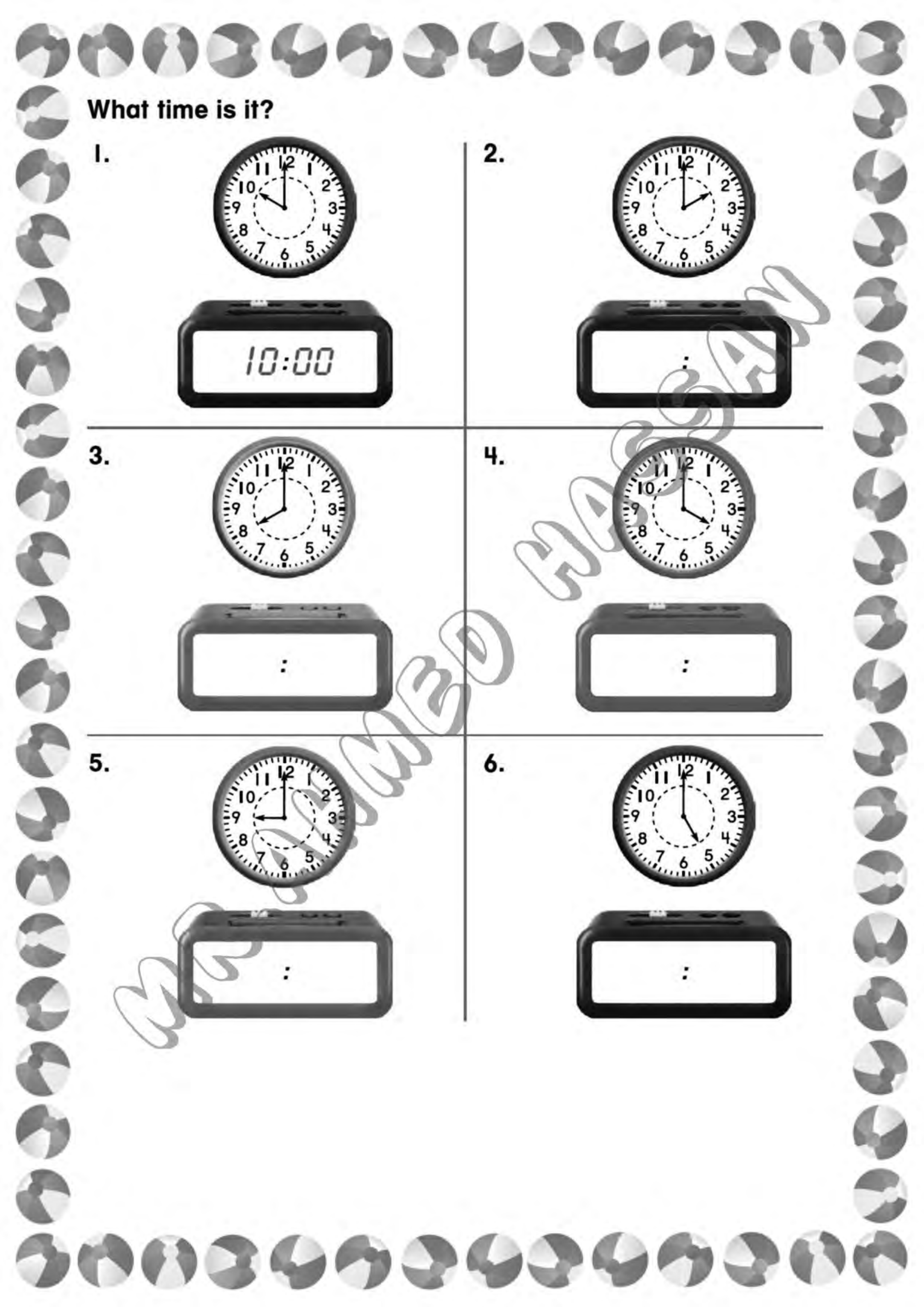
seven o'clock

eleven o'clock

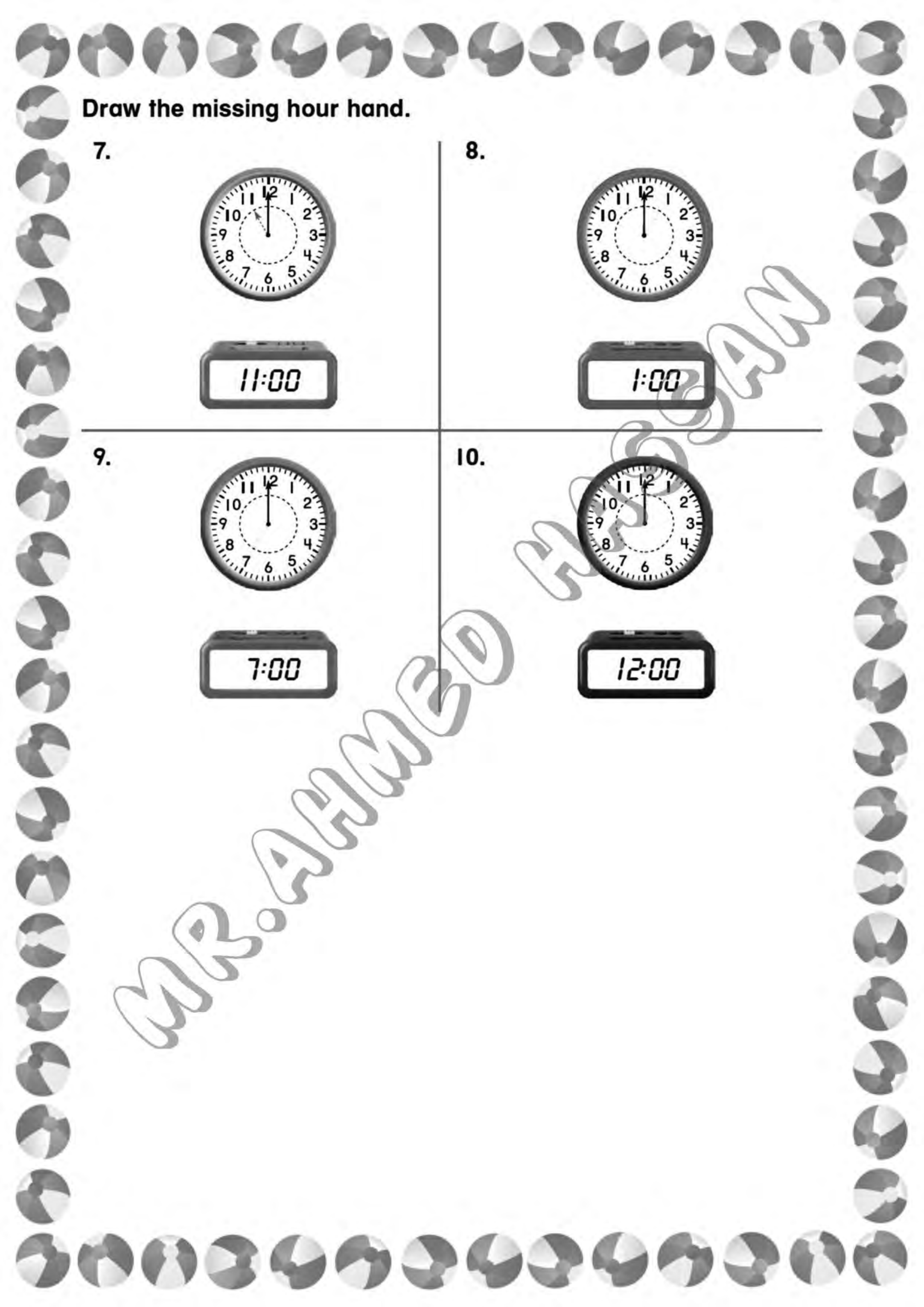
eight o'clock

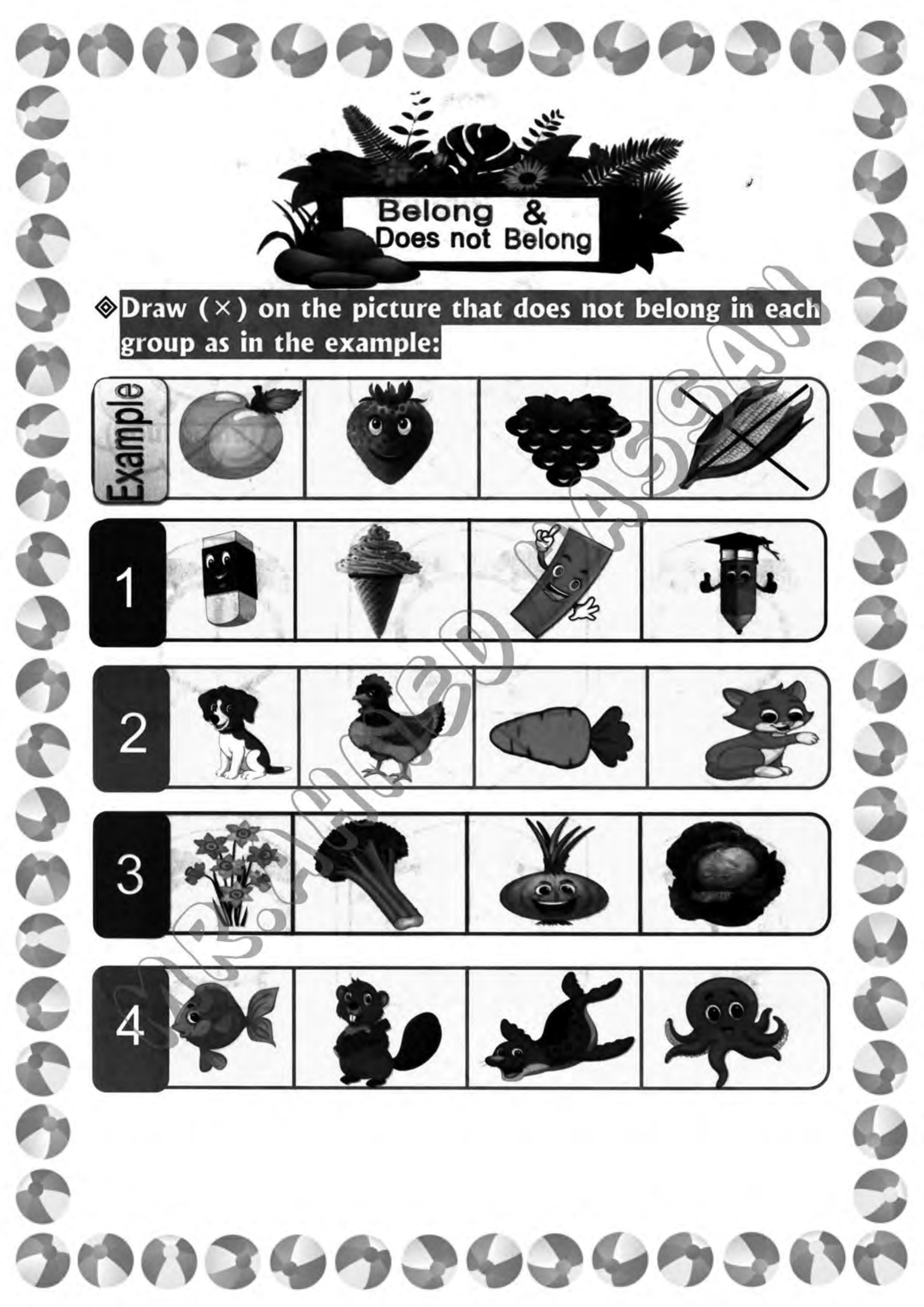
nine o'clock

three o'clock


What time is it?
1.
10:00
2.
3.
4.
5.
6.

Draw the missing hour hand.




Belong &
Does not Belong
Draw (×) on the picture that does not belong in each group as in the example:
Example
1
2
3
4



Adding & Subtracting within 20

Add or subtract.

1. $4 + 9$	2. $13 - 6$	3. $4 + 5$	4. $8 + 7$	5. $11 - 6$	6. $17 - 8$
7. $5 + 7$	8. $13 - 5$	9. $16 - 9$	10. $3 + 8$	11. $9 - 8$	12. $7 + 6$
13. $9 - \square = 7$	14. $6 + \square = 10$	15. $8 - \square = 3$	16. $6 + \square = 12$	17. $0 + \square = 9$	18. $15 - \square = 6$

Problem Solving Real World

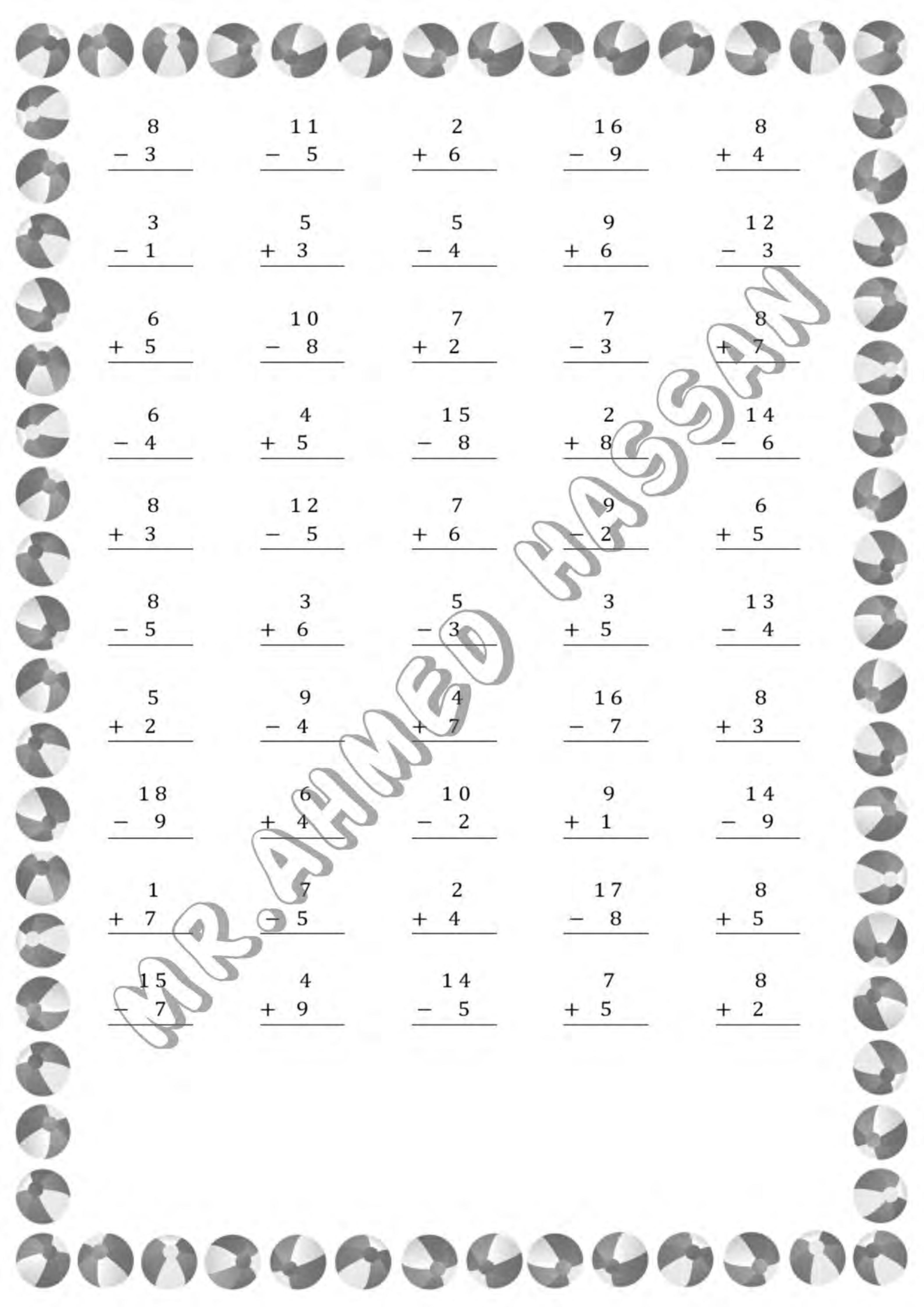
Solve. Draw or write to explain.

19. Kara has 9 drawings.
She gives 4 away. How many drawings does Kara have now?

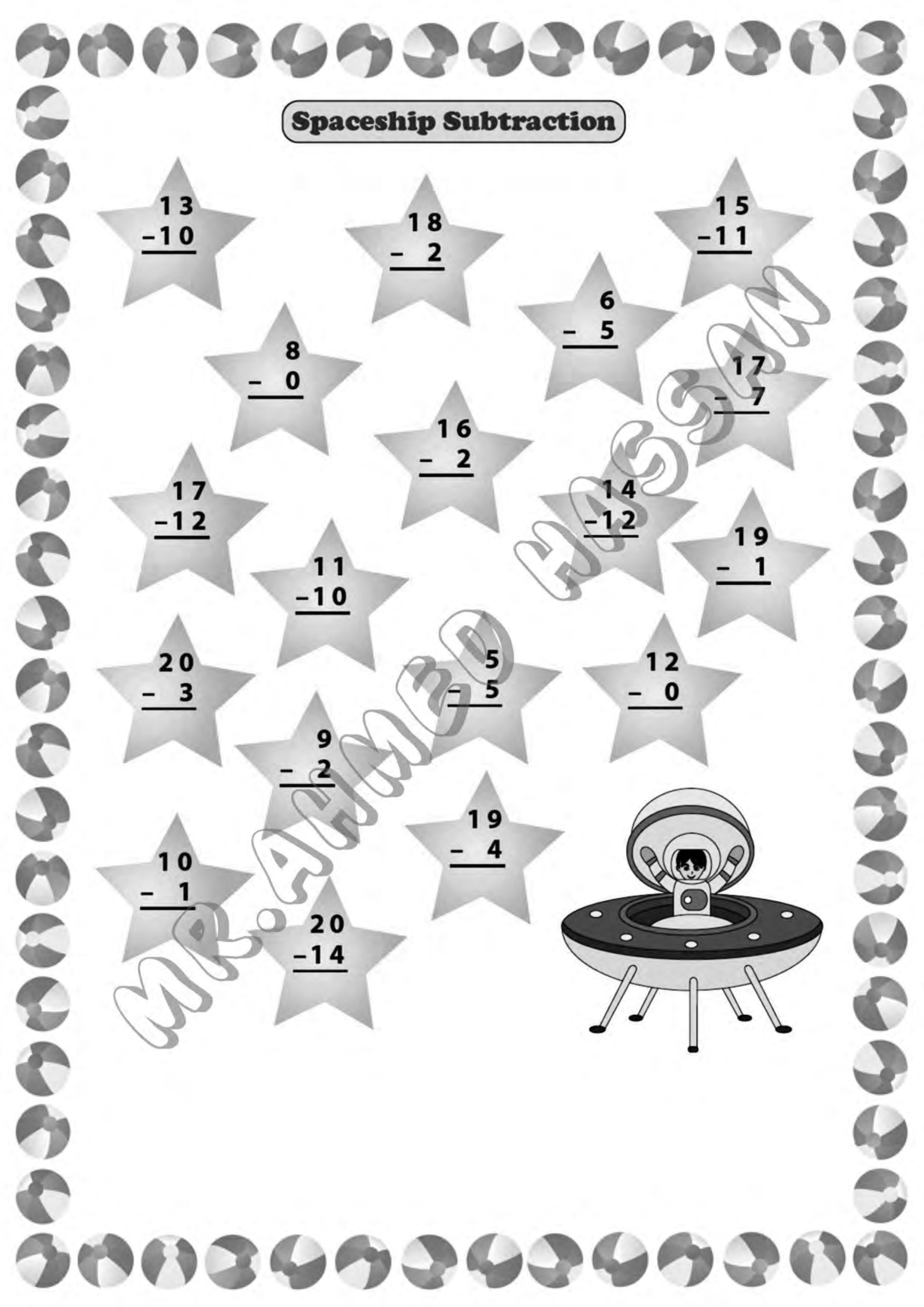
____ drawings

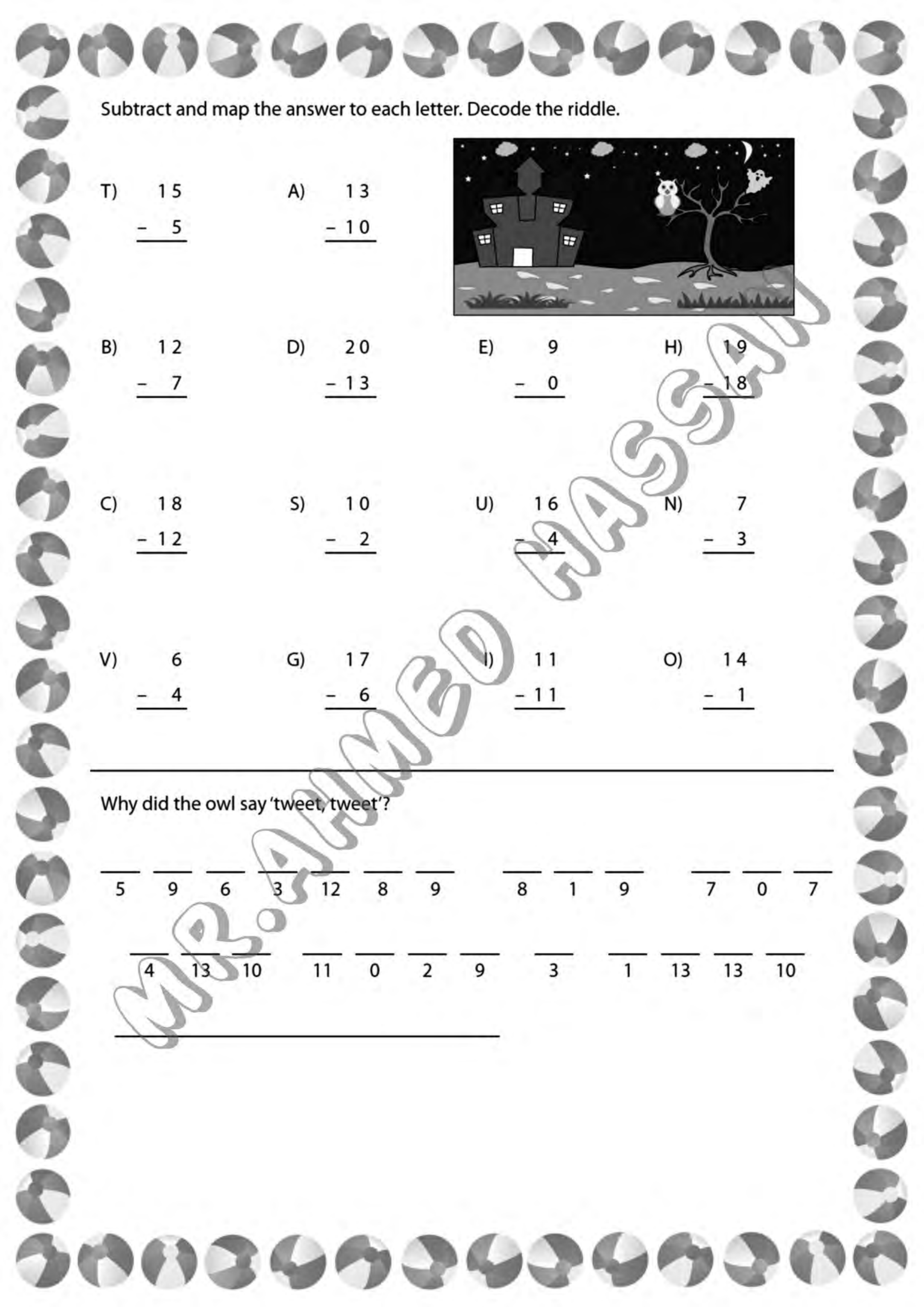
20. WRITE Math Choose two numbers from 5 to 9. Use your numbers to write an addition sentence. Draw a picture to show your work.

____



$8 - 3$	$11 - 5$	$2 + 6$	$16 - 9$	$8 + 4$
$3 - 1$	$5 + 3$	$5 - 4$	$9 + 6$	$12 - 3$
$6 + 5$	$10 - 8$	$7 + 2$	$7 - 3$	$8 + 7$
$6 - 4$	$4 + 5$	$15 - 8$	$2 + 8$	$14 - 6$
$8 + 3$	$12 - 5$	$7 + 6$	$9 - 2$	$6 + 5$
$8 - 5$	$3 + 6$	$5 - 3$	$3 + 5$	$13 - 4$
$5 + 2$	$9 - 4$	$4 + 7$	$16 - 7$	$8 + 3$
$18 - 9$	$6 + 4$	$10 - 2$	$9 + 1$	$14 - 9$
$1 + 7$	$7 - 5$	$2 + 4$	$17 - 8$	$8 + 5$
$15 - 7$	$4 + 9$	$14 - 5$	$7 + 5$	$8 + 2$


Spaceship Subtraction
13 – 10
18 – 2
15 – 11
6 – 5
8 – 0
17 – 7
16 – 2
17 – 12
14 – 12
19 – 1
11 – 10
20 – 3
5 – 5
12 – 0
9 – 2
19 – 4
10 – 1
20 – 14
MR. AHMED HASSAN



Subtract and map the answer to each letter. Decode the riddle.

T) $15 - 5 =$ ____

A) $13 - 10 =$ ____

B) $12 - 7 =$ ____

D) $20 - 13 =$ ____

E) $9 - 0 =$ ____

H) $19 - 18 =$ ____

C) $18 - 12 =$ ____

S) $10 - 2 =$ ____

U) $16 - 4 =$ ____

N) $7 - 3 =$ ____

V) $6 - 4 =$ ____

G) $17 - 6 =$ ____

I) $11 - 11 =$ ____

O) $14 - 1 =$ ____

Why did the owl say 'tweet, tweet'?

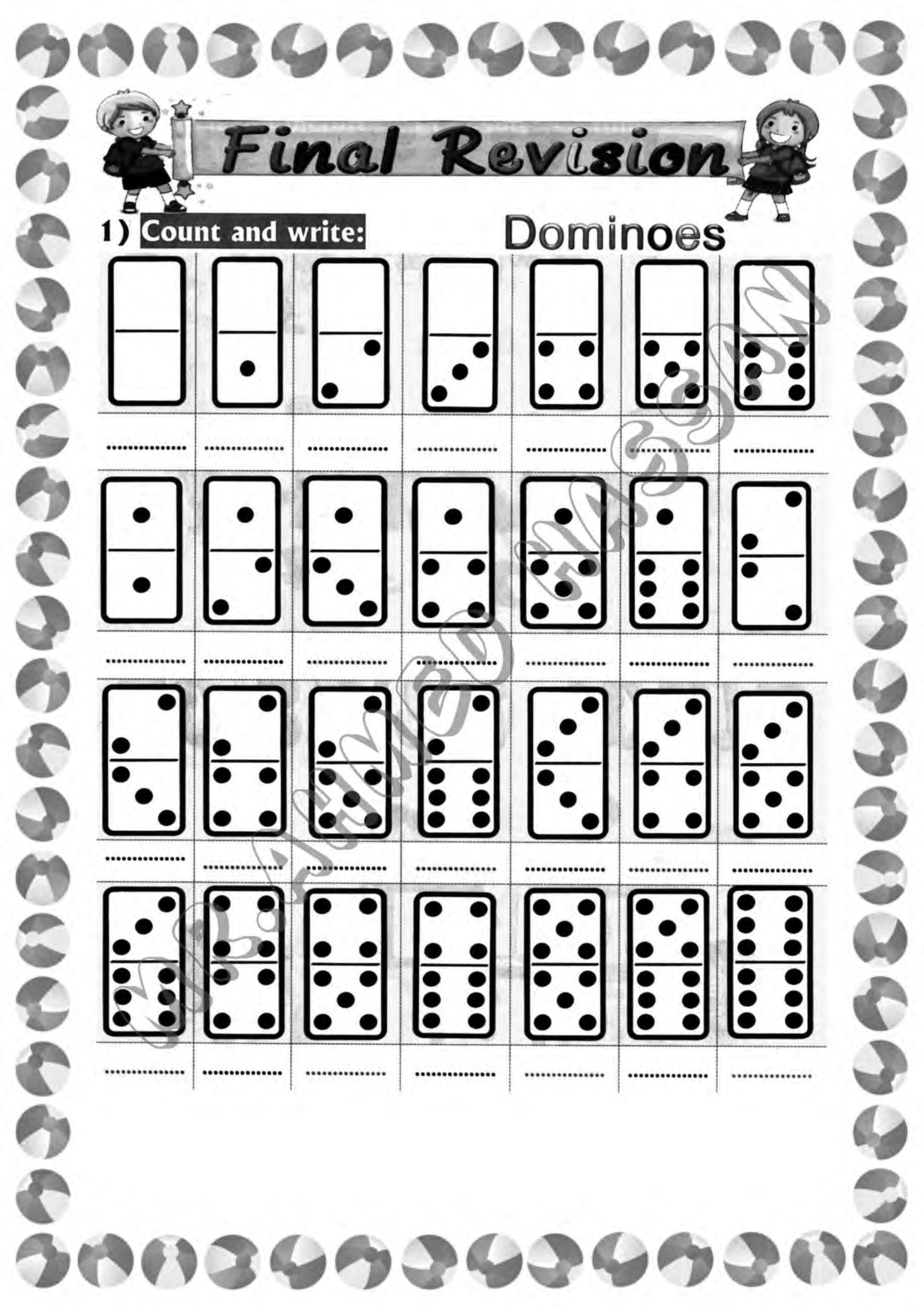
__ __ __ __ __ __ __   __ __ __   __ __ __

5 9 6 3 12 8 9   8 1 9   7 0 7

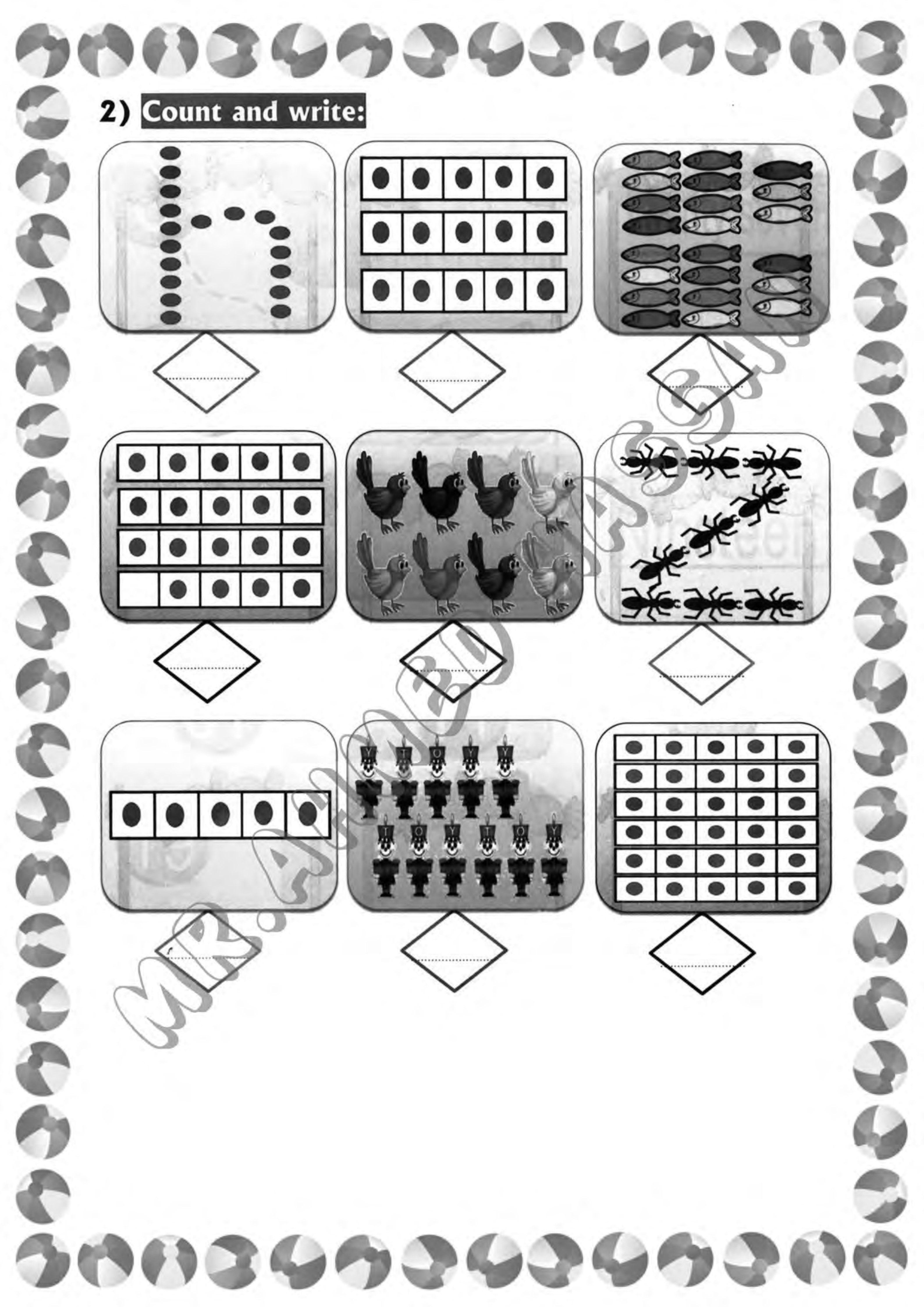
__ __ __   __ __ __ __   __   __ __ __ __

4 13 10   11 0 2 9   3   1 13 13 10

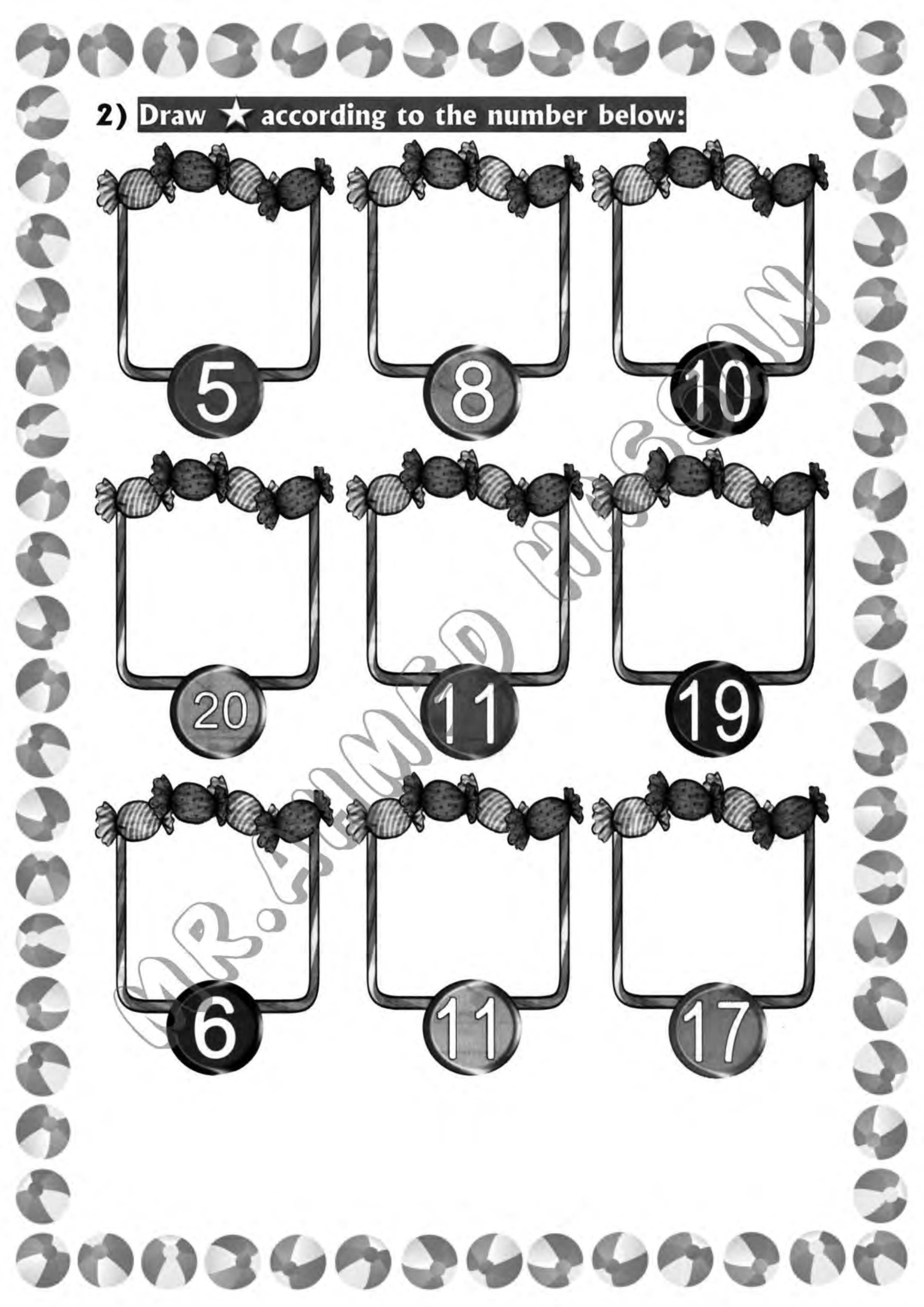
____

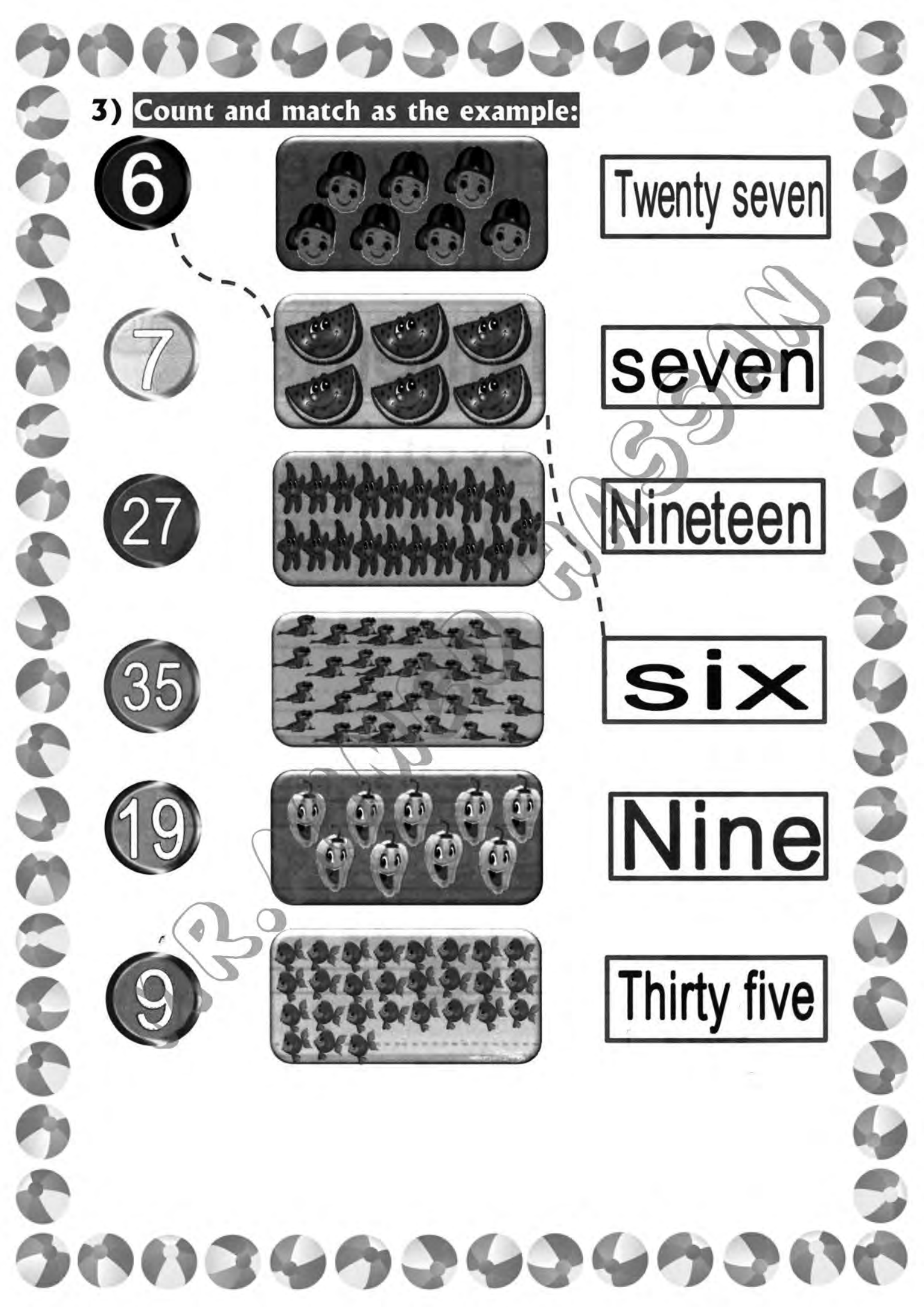

Final Revision
1) Count and write:
Dominoes

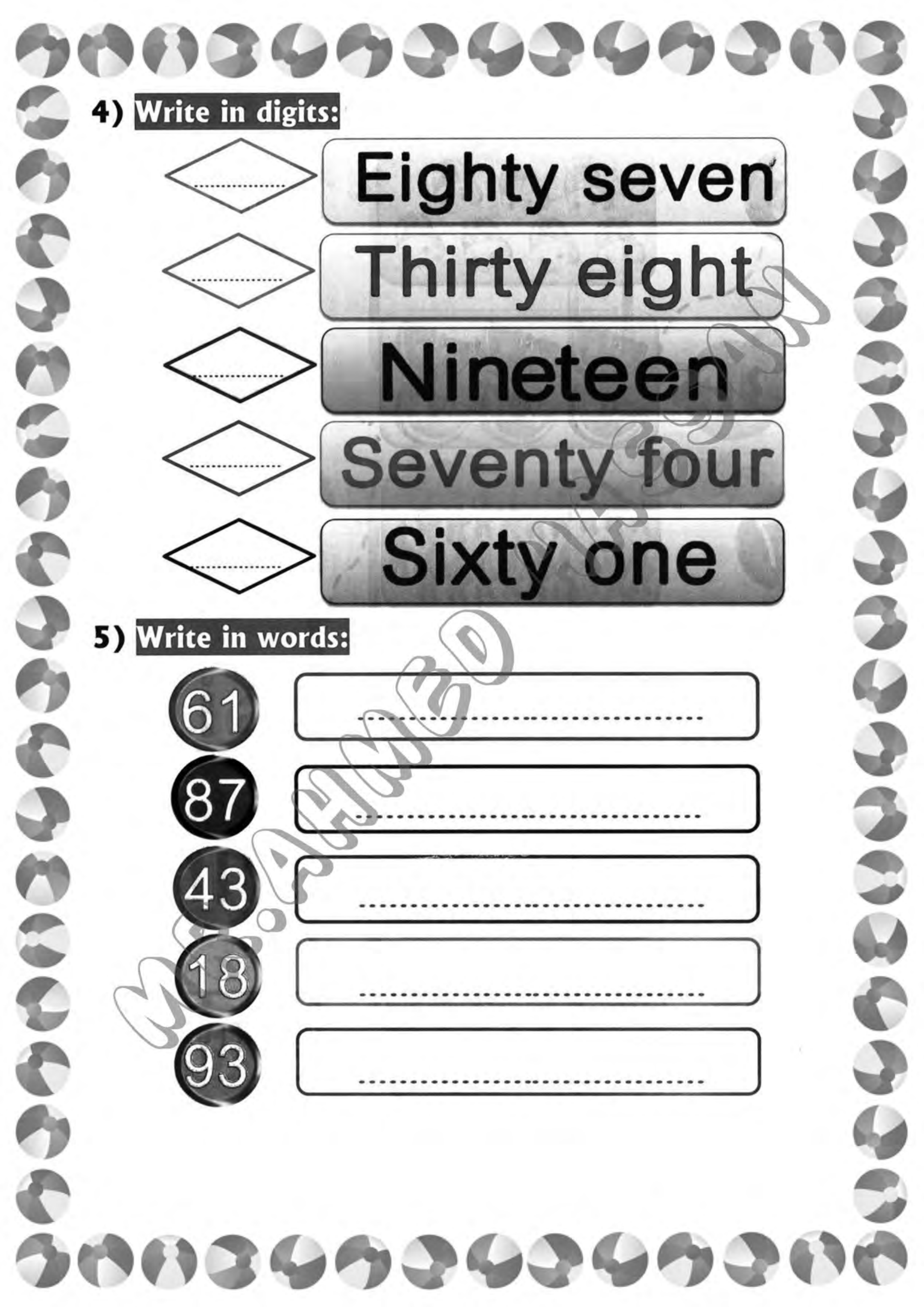
2) Count and write:



2) Draw ★ according to the number below:




3) Count and match as the example:
6
7
27
35
19
9
Twenty seven
seven
Nineteen
six
Nine
Thirty five



4) **Write in digits:**

....	Eighty seven
....	Thirty eight
....	Nineteen
....	Seventy four
....	Sixty one

5) **Write in words:**

61 ....

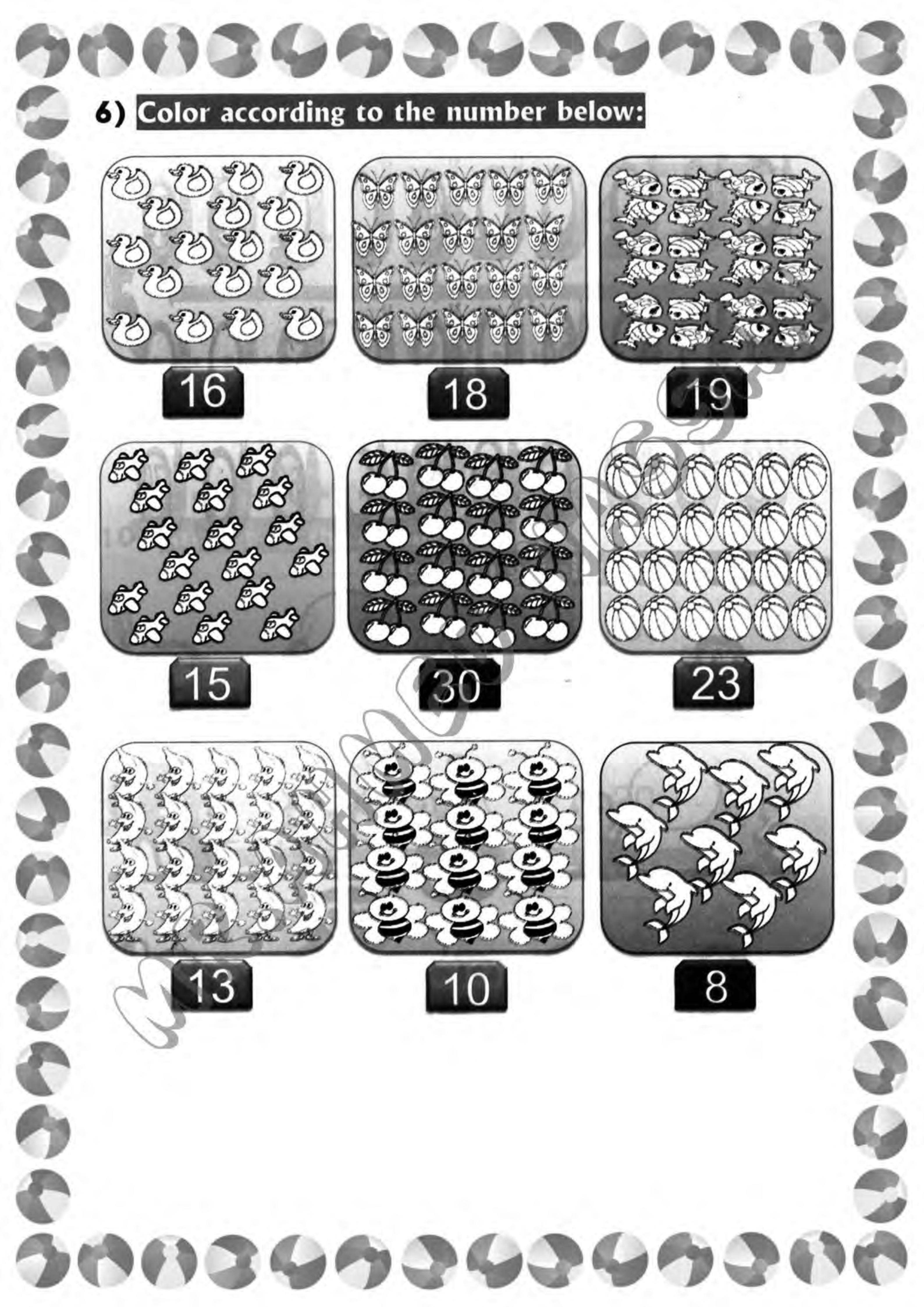
87 ....

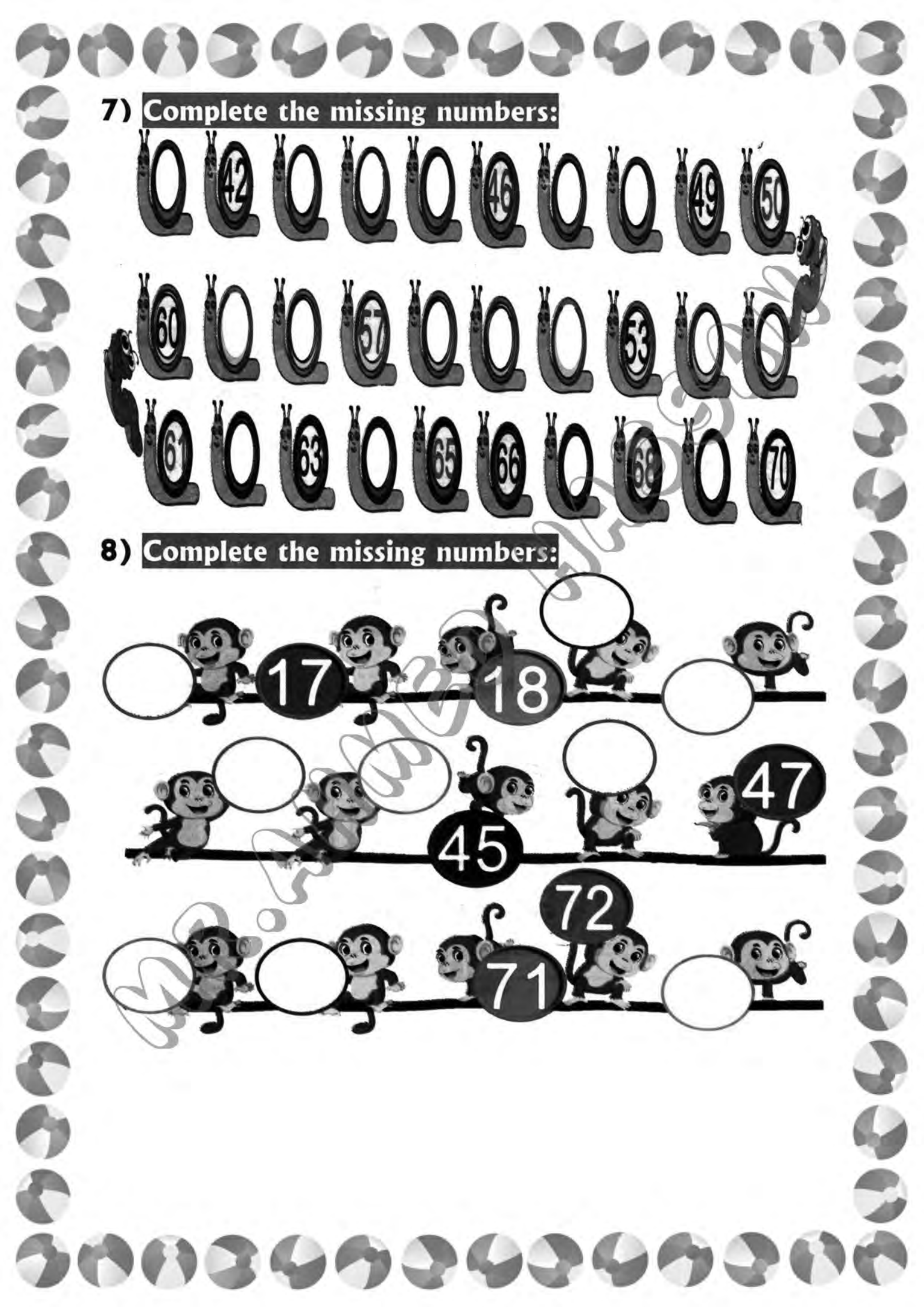
43 ....

18 ....

93 ....

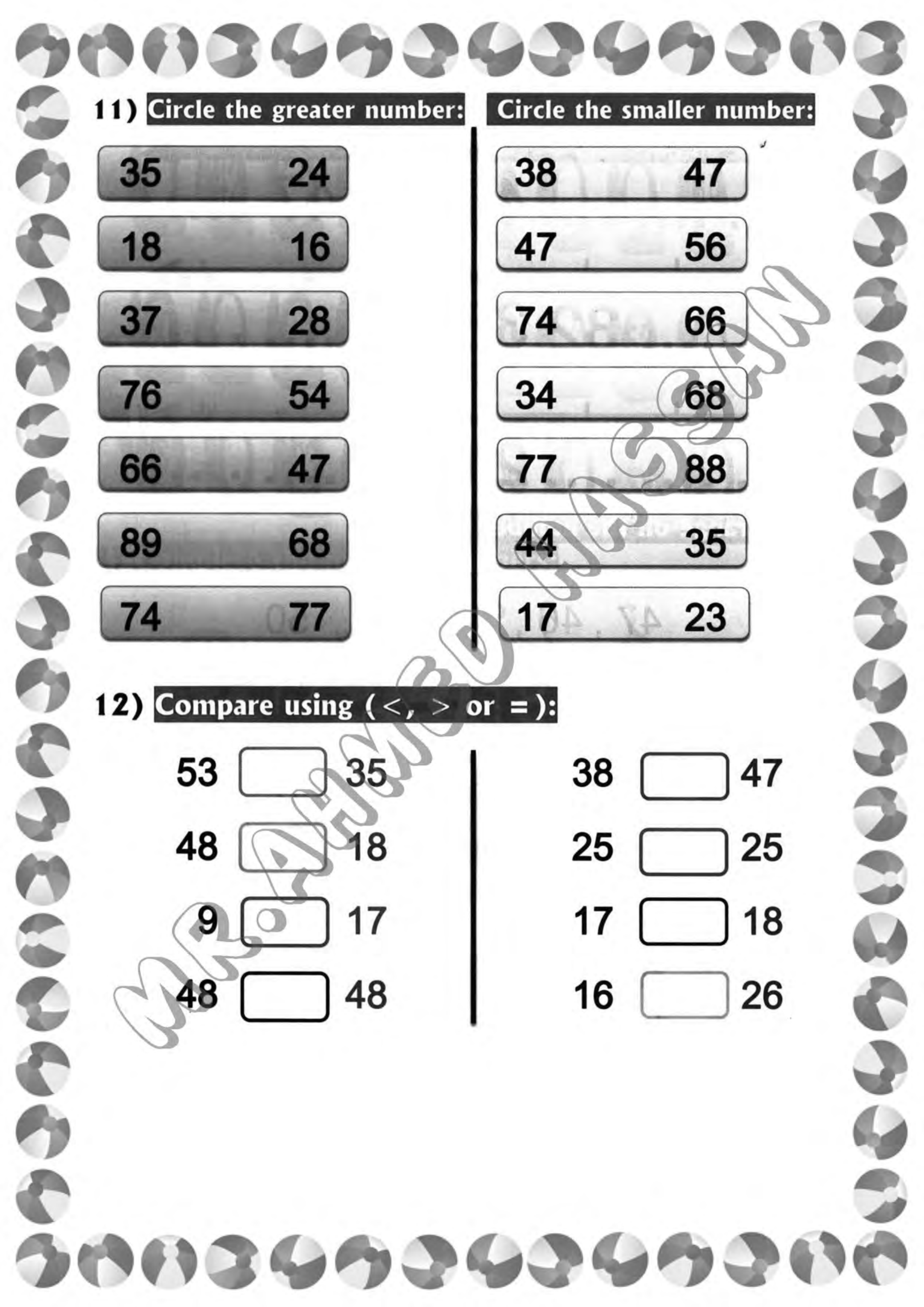
6) Color according to the number below:





7) Complete the missing numbers:

8) Complete the missing numbers:



11) **Circle the greater number:**

35	24
18	16
37	28
76	54
66	47
89	68
74	77

Circle the smaller number:

38	47
47	56
74	66
34	68
77	88
44	35
17	23

12) **Compare using (<, > or =):**

53 ☐ 35

48 ☐ 18

9 ☐ 17

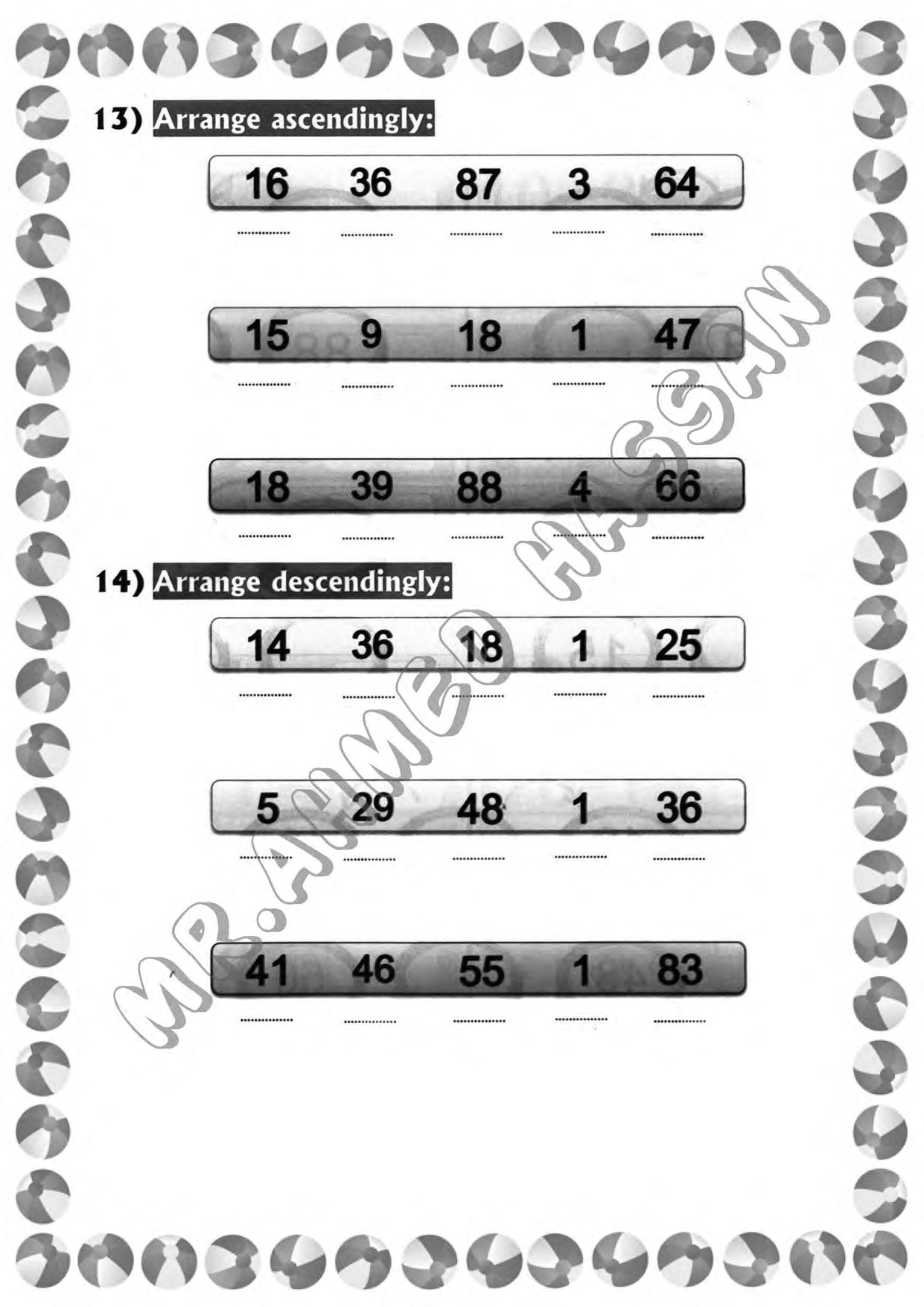
48 ☐ 48

38 ☐ 47

25 ☐ 25

17 ☐ 18

16 ☐ 26



13) **Arrange ascendingly:**

16 36 87 3 64

....

15 9 18 1 47

....

18 39 88 4 66

....

14) **Arrange descendingly:**

14 36 18 1 25

....

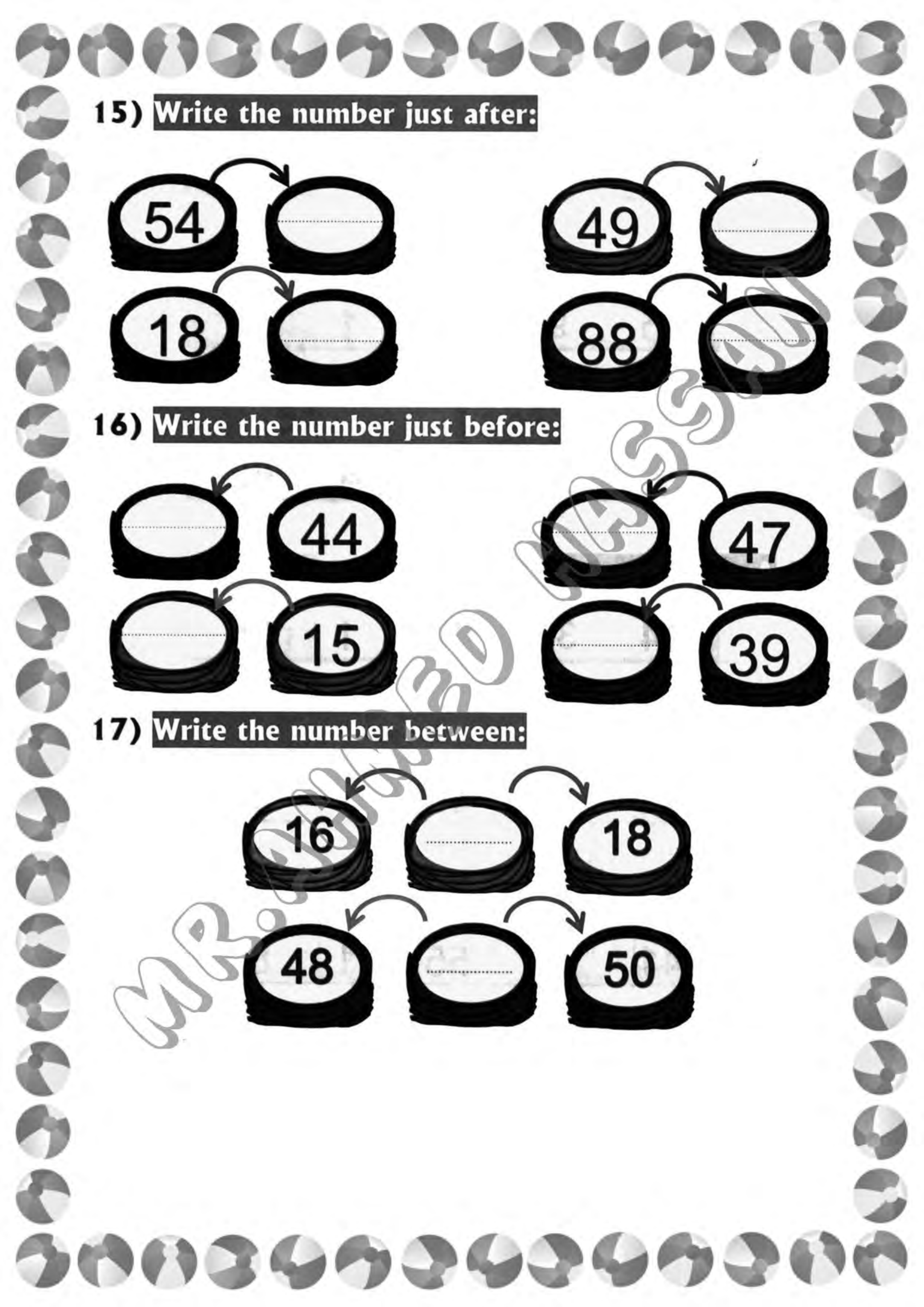
5 29 48 1 36

....

41 46 55 1 83

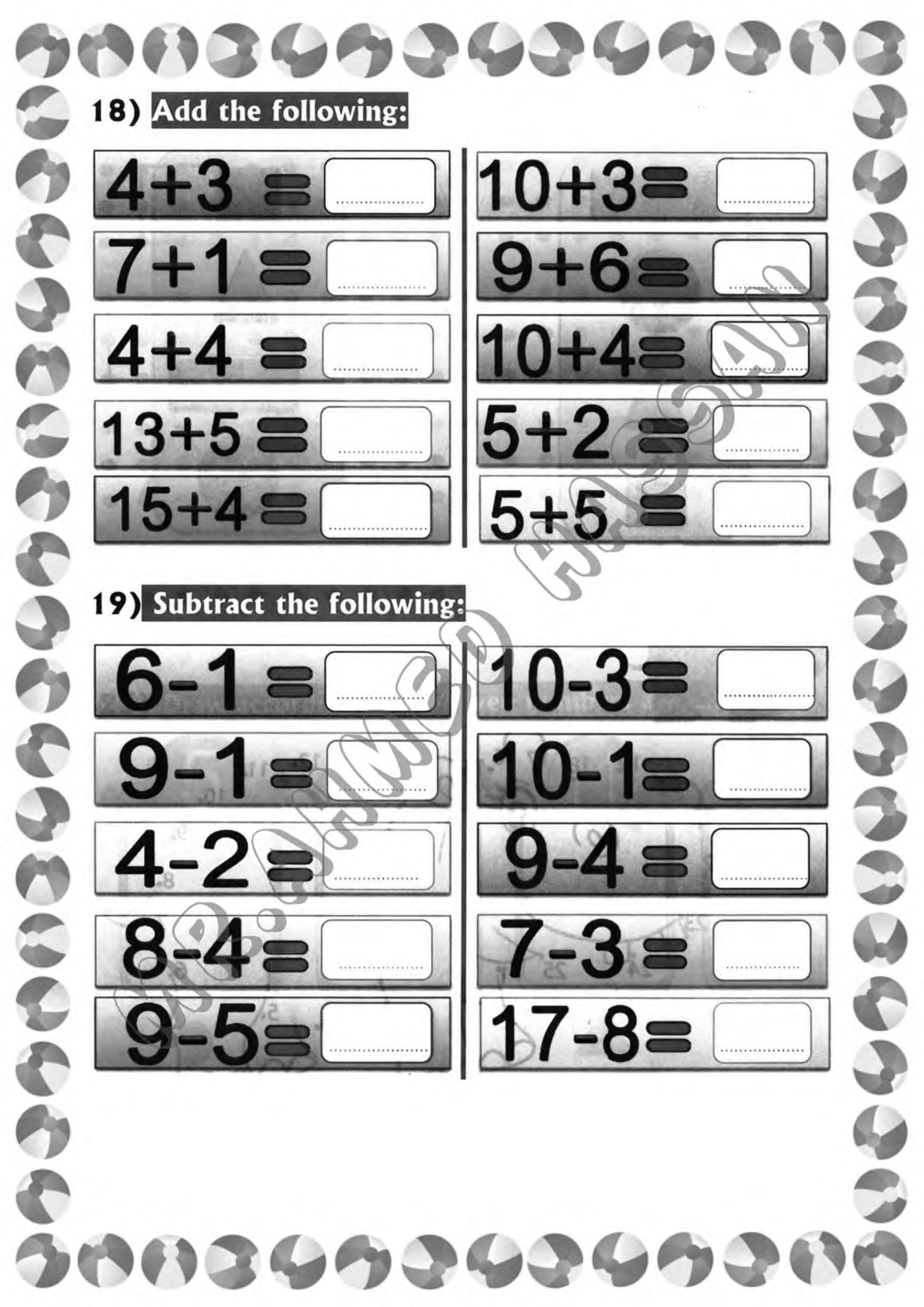
....

15) Write the number just after:



16) Write the number just before:

17) Write the number between:



18) **Add the following:**

4+3 = ...

7+1 = ...

4+4 = ...

13+5 = ...

15+4 = ...

10+3 = ...

9+6 = ...

10+4 = ...

5+2 = ...

5+5 = ...

19) **Subtract the following:**

6-1 = ...

9-1 = ...

4-2 = ...

8-4 = ...

9-5 = ...

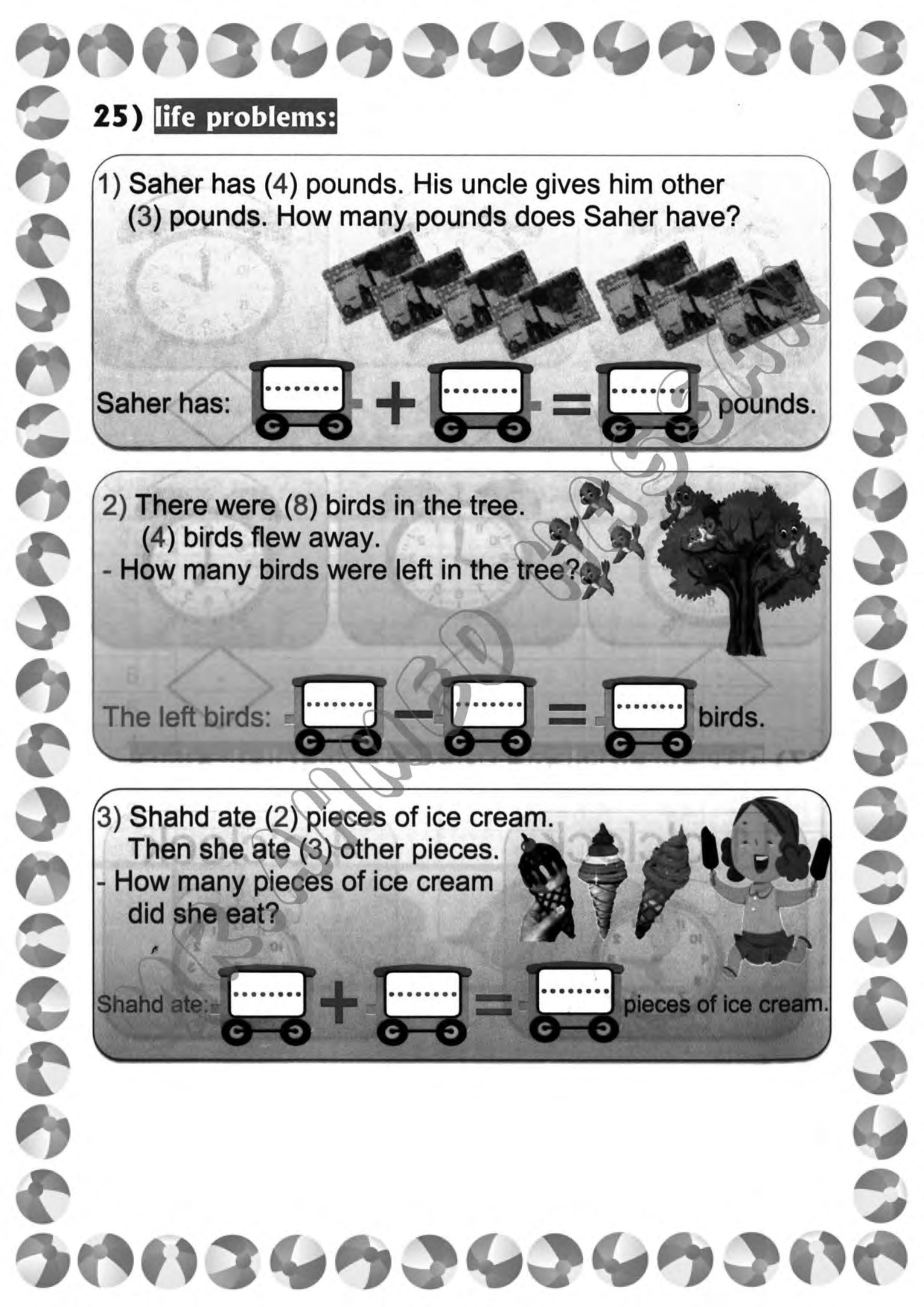
10-3 = ...

10-1 = ...

9-4 = ...

7-3 = ...

17-8 = ...



25) life problems:

1) Saher has (4) pounds. His uncle gives him other (3) pounds. How many pounds does Saher have?

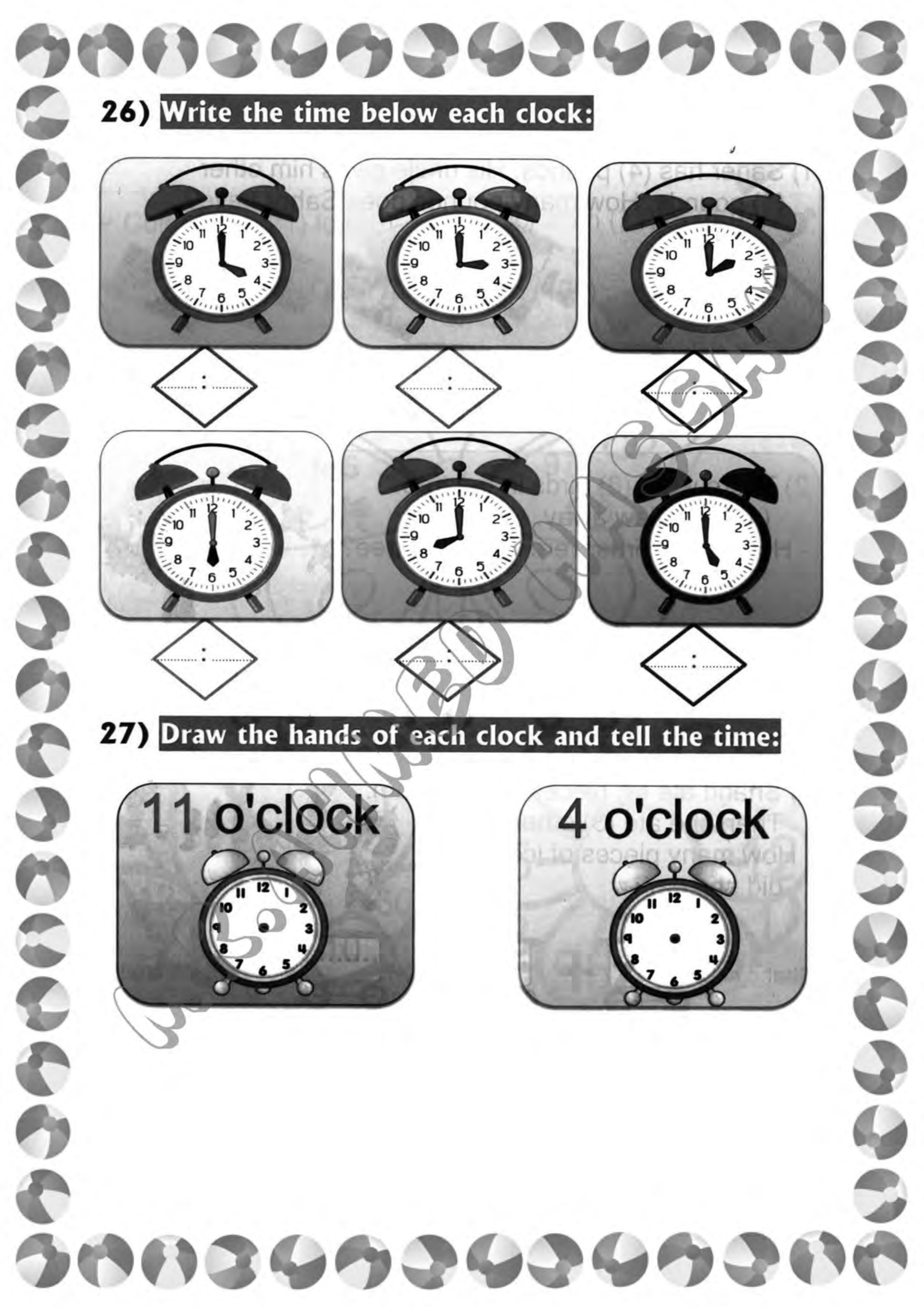
Saher has: .... + ... = ... pounds.

2) There were (8) birds in the tree.
(4) birds flew away.
- How many birds were left in the tree?

The left birds: .... − .... = ... birds.

3) Shahd ate (2) pieces of ice cream.
Then she ate (3) other pieces.
- How many pieces of ice cream did she eat?

Shahd ate: .... + ... = ... pieces of ice cream.



26) Write the time below each clock:

.... : ....

.... : ....

.... : ....

.... : ....

.... : ....

.... : ....

27) Draw the hands of each clock and tell the time: